
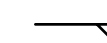


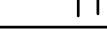



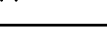
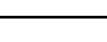
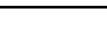

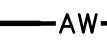

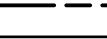
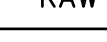
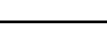
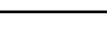
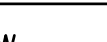
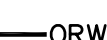


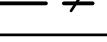

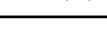
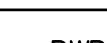


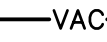

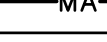
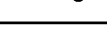

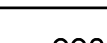



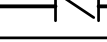
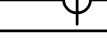

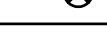

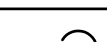














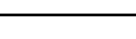


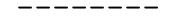




SYMBOL LEGEND	
SYMBOL	DESCRIPTION
PLUMBING SYMBOLS	
	W.H. WALL HYDRANT
	H.B. HOSE BIBB
	CLEANOUT TO GRADE
	FLOOR CLEANOUT
	WALL CLEANOUT
	1/2 GRATE
	3/4 GRATE
	FULL GRATE
PLUMBING PIPING	
	COMBINATION WASTE AND VENT
	SOIL, WASTE - ABOVE GRADE
	SOIL, WASTE - BELOW GRADE
	VENT
	ACID VENT
	ACID WASTE - ABOVE GRADE
	ACID WASTE - BELOW GRADE
	COLD WATER
	RAW WATER
	HOT WATER
	HOT WATER CIRCULATE
	RAINWATER - ABOVE GRADE
	RAINWATER - BELOW GRADE
	OVERFLOW RAINWATER ABOVE GRADE
	OVERFLOW RAINWATER BELOW GRADE
	VENT THRU ROOF
	NON POTABLE WATER
	EXISTING PIPE
	EXISTING PIPE TO BE REMOVED
	PURE WATER SUPPLY
	PURE WATER RETURN
	GAS
	PROPANE
	VACUUM
	COMPRESSED AIR
	MEDICAL AIR
	OXYGEN
	NITROUS OXIDE
	NITROGEN
	CARBON DIOXIDE
	EVACUATION
VALVES, METERS, AND GAUGES	
	SHUT OFF VALVE
	CHECK VALVE
	BALL VALVE
	PRESSURE REDUCING VALVE
	FLOW SETTER
	GAS COCK
	90° ELBOW UP
	90° ELBOW DOWN
	90° TEE UP
	90° TEE DOWN
	UNION
	CAPPED PIPE

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
	DETAIL INDICATOR: # INDICATES DETAIL NUMBER, SHEET INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ROOM OR SPACE NUMBER.
	KEYNOTE INDICATOR.
	REVISION INDICATOR.
	EQUIPMENT INDICATOR.
	PLUMBING FIXTURE INDICATOR.
	BREAK, STRAIGHT
	BREAK, ROUND.
	MATCH LINE INDICATOR
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE.
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE.
	NEW CONNECTION POINT TO EXISTING

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED

AD	ACCESS DROD	MCA	MINIMUM CIRCUIT AMPS
AI	AIR CONDITION(-ING,-ED)	MFR	MANUFACTURER
COND		MIN	MINIMUM
BTU	Btu	N/A	NOT APPLICABLE
BAL	BALANCING DAMPER	NC	NOT NORMALLY CLOSED
BHP	BRAKE HORSE POWER	NC	NOISE CRITERIA
BRIT	BRITISH THERMAL UNIT	NC	NOT IN CONTRACT
BTU/H	BTU/HOUR	NO	NORMALLY OPEN
CFH	CUBIC FEET PER HOUR	NFSP	NET POSITIVE SUCTION HEAD
CFM	CUBIC FEET PER MINUTE	NTS	NOT TO SCALE
CLG	COOLING	OA	OUTSIDE AIR
COMP	COMPONENT	OD	OUTSIDE DIAMETER
COND	CONDENS(-ER, -ING, -ATION)	OZ	OUNCE
CV	CONTROL VALVE	PD	PRESSURE DROP OR DIFFERENCE
CL	COLD WATER	PG	POLYURENE GLYCOL
DISA	DISCHARGE	PH	PHASE
DIAM	DIAMETER	PMW	PARTS PER MILLION
DB	DRY BULB TEMPERATURE	PRESS	PRESSURE
(E)	EXISTING	PSF	POUNDS PER SQUARE FOOT
EFF	ENERGY EFFICIENCY RATIO	PSI	POUNDS PER SQUARE INCH
EF	EFFICIENCY	PSIA	PSI ABSOLUTE
EG	ETHYLENE GLYCOL	PSG	PSI GAUGE
ELEC	ELECTRIC	R	RESISTANCE
ELEV	ELEVATION	RAC	RECURRING
ENT	ENTERING	REFR	REFRIGERATION
EWAP	EVAPORATE(-E, -ING, -ED, -OR)	REQD	REQUIRED
ENTR	ENTERING WATER	RC	RECORDING AMPS
TEMP	TEMPERATURE	RCM	REVOLUTIONS PER MINUTE
EXT	EXTERNAL	SC	SHADING
(F)	FUTURE	SCFM	STANDARD CUBIC FEET PER MINUTE
FH	FAHRENHEIT	SL	SOFT SOLDER WATER
FC	FLEXIBLE CONNECT(-OR, -ION)	SP	SENSIBLE HEAT
FD	FIRE DAMPER	SEA	SEA LEVEL
FIA	FIRE FLOOD AMPS	SEPS	STATIC PRESSURE SPECIFICATION(S)
FPI	FINS PER INCH	SQ	SQUARE
FPM	FEET PER MINUTE	STD	STANDARD
FSD	FEET PER SECOND	TEMP	TEMPERATURE
FMS	FIRE SMOKE DAMPER	TEMP	TEMP, DROP OR DIFF.
FEET		TERM	THERMAL
GAL	GALLON(S)	TOT	TOTAL
GAL	GALLONS PER HOUR	TSTAT	THERMOSTAT
GPM	GALLONS PER MINUTE	V	VACUUM
HD	HIGH	VAV	VARIABLE AIR VOLUME
HG	HG MERCURY	VEL	VELOCITY
HR	HOUR	VENT	VENTILATION
HGT	HEIGHT	VERT	VERTICAL
HTC	HEATING	VFD	VARIABLE FREQUENCY DRIVE
HTG	HOT	VL	VOLUME
HP	HORSE POWER	VOG	VOLUME COLUMN
HW	HOT WATER	WG	WATER GUAGE
HZ	HERTZ(FREQUENCY)	WPD	WATER PRESSURE DROP
ID	INSIDE DIAMETER	WTR	WATER
INCH		WT	WEIGHT
KW	KILOWATT	WB	WET BULB TEMP
LA	LEAVING AIR	YR	YEAR
TEMP	TEMPERATURE		
LBS	POUNDS		
CLG	LENGTH		
LATER	LATER HEAT		
LRA	LATCHED ROTOR AMPS		
LVG	LEAVING		
LWT	LEAVING WATER		
TEMP	TEMPERATURE		
MAX	MAXIMUM		
THOUS	THOUSAND BTU PER HOUR		

PLUMBING SHEET INDEX	
SHEET NO	SHEET NAME
PE001	SYMBOLS LEGEND, GENERAL NOTES AND SCHEDULES
PE001	PLUMBING DETAILS, SCHEDULES, AND RISERS
PD101	1ST FLOOR PLUMBING DEMOLITION PLAN – EAST WING
PD102	1ST FLOOR PLUMBING DEMOLITION PLAN – WEST WING
PD103	2ND FLOOR PLUMBING DEMOLITION PLAN – EAST WING
PD104	2ND FLOOR PLUMBING DEMOLITION PLAN – WEST WING
PD105	3RD FLOOR PLUMBING DEMOLITION PLAN – EAST WING
PD106	3RD FLOOR PLUMBING DEMOLITION PLAN – WEST WING
PD107	4TH FLOOR PLUMBING DEMOLITION PLAN – EAST WING
PD108	4TH FLOOR PLUMBING DEMOLITION PLAN – WEST WING
PD109	PARTIAL PENTHOUSE PLUMBING DEMOLITION PLAN
PL101	1ST FLOOR PLUMBING PLAN – EAST WING
PL102	1ST FLOOR PLUMBING PLAN – WEST WING
PL103	2ND FLOOR PLUMBING PLAN – EAST WING
PL104	2ND FLOOR PLUMBING PLAN – WEST WING
PL105	3RD FLOOR PLUMBING PLAN – EAST WING
PL106	3RD FLOOR PLUMBING PLAN – WEST WING
PL107	4TH FLOOR PLUMBING PLAN – EAST WING
PL108	4TH FLOOR PLUMBING PLAN – WEST WING
PL109	PARTIAL PENTHOUSE PLUMBING PLAN

GENERAL PLUMBING NOTES

1. PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO CONSTRUCT A COMPLETE, OPERATIONAL PLUMBING SYSTEM FOR THE ENTIRE PROJECT AS SHOWN ON THESE DRAWINGS, INCLUDING ALL NECESSARY FEES AND PERMITS.
2. THE ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENT EDITIONS OF THE FOLLOWING: MECHANICAL CODE, PLUMBING CODE, ELECTRICAL CODE, AND ALL OTHER APPLICABLE CITY, COUNTY, SCHOOL DISTRICT, STATE, AND FEDERAL CODES AND REGULATIONS. THE DESIGN INTENT OF THE BID CONFORM TO ANY CODES, RULES, REGULATIONS AND REQUIREMENTS THAT THE PROJECT OWNER HAS.
3. PRIOR TO FABRICATION AND INSTALLATION, THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL PLUMBING WORK WITH ALL TRADES, INCLUDING BUT NOT LIMITED TO: THE MECHANICAL CONTRACTOR, ELECTRICAL CONTRACTOR, GENERAL CONTRACTOR, AND ANY CONTRACTOR HIRED DIRECTLY BY THE OWNER. WHERE CONFLICTS MAY OCCUR, THEY SHALL BE RESOLVED PRIOR TO INSTALLATION.
4. THE DRAWINGS SHOW THE GENERAL DESIGN, ARRANGEMENTS AND THE EXTENT OF THE SYSTEM. IT SHALL BE THE WORK OF THE CONTRACTOR TO MAKE SUCH SLIGHT ALTERATIONS AS MAY BE NECESSARY TO MAKE THE SYSTEM COMPLETE AND OPERATIONAL IN ACCORDANCE WITH THE DESIGN INTENT. MAJOR DEVIATIONS SUCH AS CHANGES IN COMPONENT SIZES, WEIGHTS, QUANTITIES, OR MATERIAL REQUIRE PRIOR APPROVAL BY THE CONSULTING ENGINEER.
5. ALL PLUMBING INFORMATION IS NOT SHOWN ON THE PLUMBING DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.
6. THE WORKING DRAWINGS ARE DIAGRAMMATIC. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, THEY DO NOT SHOW EVERY OFFSET, BEND OR FLOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL LOCATIONS FOR PLUMBING EQUIPMENT AND PIPING SHALL BE CHECKED AND COORDINATED WITH ALL ARCHITECTURAL, MECHANICAL, STRUCTURAL AND ELECTRICAL DRAWINGS.
7. EXACT ROUTING WATER SERVICE IS DEPENDENT ON LOCAL SITE CONDITIONS AND MODIFICATIONS IN EQUIPMENT CONNECTIONS. EXACT LOCATION OF EQUIPMENT MAY VARY DEPENDING ON LOCAL CODE, HEALTH DEPARTMENT AND CITY REQUIREMENTS.
8. DETAILS: THE CONTRACTOR IS RESPONSIBLE TO REVIEW AND USE ANY AND ALL APPROPRIATE DETAILS THE PLUMBER HAS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES REQUIRED FROM FIELD CONDITIONS SHALL BE THE CONTRACTOR'S WITHOUT USING THE INCLUDED DETAILS IS THE RESPONSIBILITY OF THE CONTRACTOR.
9. PIPING SCHEMATICS: THE CONTRACTOR IS RESPONSIBLE TO REVIEW THE PIPING SCHEMATICS INCLUDED WITH THE DRAWINGS FOR PIPING INFORMATION. THE PIPING SCHEMATICS SHOW DETAILED CONNECTIONS INCLUDING NECESSARY VALVES, FITTINGS, PRESSURE AND TEMPERATURE GAUGES, ETC., THAT ARE NOT SHOWN ON THE PIPING PLANS. ANY CHANGES RESULTING FROM FIELD TO INSTALL THE PLUMBING SYSTEM WITHOUT USING THE INCLUDED PIPING SCHEMATICS IS THE RESPONSIBILITY OF THE CONTRACTOR.
10. THE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND THEY SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH THESE ITEMS. THE CONTRACTOR SHALL VERIFY OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN BOTH.
11. ANY PART OF THIS INSTALLATION THAT FAILS, IS UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
12. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES AND ACCESSORIES REQUIRED FOR A COMPLETE, WORKABLE INSTALLATION.
13. EXISTING INTERIOR PIPING AND EQUIPMENT HAS BEEN LOCATED IN AN APPROXIMATE MANNER. THE CONTRACTOR SHALL VERIFY LOCATIONS AND POINTS OF CONNECTION AND PIPE ROUTING THROUGH EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
14. THE CONTRACTOR SHALL PERFORM THE WORK IN A MANNER THAT WILL CAUSE A MINIMUM DISRUPTION TO BUILDING TENANT USE AND SHALL COORDINATE THE WORK WITH THE BUILDING OWNER'S REPRESENTATIVE.
15. THE CONTRACTOR IS RESPONSIBLE FOR PLUMBING EQUIPMENT CHECK-IN, SAFEKEEPING, AND DAMAGE.
16. ALL PLUMBING EQUIPMENT SHALL BE LISTED AND LABELED BY AN APPROVED TESTING AGENCY.
17. EQUIPMENT AND INSTALLATION SHALL MEET NATIONAL SANITATION FOUNDATION (NSF) STANDARDS, OR EQUIVALENT.
18. PROVIDE PROPER PROVISIONS FOR EXPANSION OR MOVEMENT OF ALL PIPING.
19. ALL PIPE SHALL BE SECURED BY DOUBLE NUTTING AT THE HANGER ROD ATTACHMENT TO THE STRUCTURE, AND AT THE PIPE HANGER.
20. PROPERLY LUBRICATE ALL PIECES OF EQUIPMENT BEFORE TURNING THE SYSTEM OVER TO THE OWNER.
21. PREPARE 6 COPIES OF SUBMITTALS IN AN INDEXED, LABELED FOLDER CONTAINING FULL PERFORMANCE, MATERIAL AND INSTALLATION INFORMATION. SUBMITTALS SHALL INCLUDE: PIPING, COMPONENTS AND ACCESSORIES TO BE USED. SUBMITTALS WILL BE CHECKED AT MOST TWICE. TIME SPENT ON SUBSEQUENT SUBMITTALS WILL BE BILLED TO THE CONTRACTOR BY THE ENGINEER AT ITS CURRENT HOURLY RATES.
22. TWO OPERATING AND MAINTENANCE MANUALS SHALL BE PROVIDED IN HARD BACK LOOSE LEAF BINDERS. MANUALS SHALL CONTAIN PRODUCT CUT SHEETS AND OPERATING AND MAINTENANCE INSTRUCTIONS ON ALL EQUIPMENT, ACCESSORIES, FIXTURES, VALVES, ETC., PROVIDED FOR THE PROJECT.
23. UPON COMPLETION OF THE WORK, REMOVE ALL SURPLUS MATERIALS AND RUBBISH. MAKE ALL REQUIRED PATCHING AND REPAIRS OF OTHER TRADES' WORK DAMAGED BY THE PLUMBING CONTRACTOR, AND LEAVE THE PREMISES IN A CLEAN, ORDERLY CONDITION.
24. THE PLUMBING CONTRACTOR SHALL OPERATE THE SYSTEM AND DEMONSTRATE ALL ASPECTS TO THE ENGINEER AND/OR OWNER, TO PROVE IT'S OPERATION.
25. THE PLUMBING CONTRACTOR SHALL GUARANTEE THE PLUMBING SYSTEM FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
26. THE PLUMBING CONTRACTOR SHALL, DURING CONSTRUCTION, MAINTAIN A SET OF AS-BUILT REDLINED RECORD DRAWINGS AT THE PROJECT SITE. ALL CHANGES TO THE PIPING, EQUIPMENT, COMPONENTS, AND ACCESSORIES SHALL BE RECORDED. THESE REDLINED SETS SHALL BE GIVEN TO THE ARCHITECT/ENGINEER AFTER THE FINAL INSPECTION.
27. LOCATION AND ELEVATIONS OF EXISTING UTILITIES SHOWN HAVE BEEN TAKEN FROM RECORD DRAWINGS AND FIELD SURVEY ONLY. FIELD VERIFY EXACT LOCATION, SIZE AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO STARTING ANY WORK.
28. INSTALL WATER PIPING SHOWN ABOVE THE CEILING UNLESS NOTED OTHERWISE.
29. INSTALL ALL PIPING SHOWN IN EXTERIOR WALLS ON THE WARM SIDE OF THE BUILDING INSULATION.
30. DO NOT RUN PIPING ABOVE ELECTRICAL PANELS. PROVIDE 4"-Ø DEEP X 6"-HIGH CLEAR ACCESS SPACE IN FRONT OF PANELS. DO NOT RUN PIPING IN ELECTRICAL ROOMS.
31. FIELD DETERMINE EXACT SIZE, ELEVATION AND LOCATION OF EXISTING PIPING INSIDE THE BUILDING AT SPECIFIED CONNECTION POINTS PRIOR TO STARTING ANY WORK.
32. SAW CUT OR CORE DRILL, ALL NEW PENETRATIONS THRU EXISTING MASONRY CONSTRUCTION.
33. PATCH AND REPAIR ALL EXISTING SURFACES DAMAGED BY NEW CONSTRUCTION TO MATCH EXISTING.
34. PROVIDE CEILING ACCESS PANELS AS REQUIRED WHERE MECHANICAL AND PLUMBING EQUIPMENT, VALVES, ETC. ARE LOCATED ABOVE INACCESSIBLE CEILINGS.

 SPECTRUM ENGINEERS 175 South Main Street, Suite 300 Salt Lake City, Utah 84111 801-328-5151 800-678-7077 FAX 801-328-5155 www.spectrum-engineers.com		
CONSULTANTS		
<p>CANNON HEALTH BUILDING</p> <p>STATE PROPERTY NO: 06140390</p> <p>DOMESTIC WATER PIPING & EQUIPMENT REPLACEMENT</p>		
5		
4		
3		
2		
1		
MARK	DATE	DESCRIPTION
ISSUE: DESIGN DEVELOPMENT		
DATE: 9/13/2006		
DCFM PROJECT NO: 06140390		
DRAWN BY: ARA		
CHECKED BY: JTJ		
DESIGNED BY:		
RECORD DRAWING DATE:		
SIGNATURE:		
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SHEET TITLE		
PLUMBING SYMBOLS LEGEND AND GENERAL NOTES		
<p>PE001</p>		
SHEET OF		

GAS FIRED WATER HEATER SCHEDULE

SYMBOL	MANUFACTURER	MODEL NO.	LOCATION	TYPE	FUEL TYPE/ PRESSURE	STORAGE CAPACITY (GAL.)	RECOVERY RATE (GPH)	INPUT CAPACITY (MBH)	VOLTS/ PHASE/ Hz/AMPS	WATER TEMP. IN/OUT	OVERALL SIZE	STACK CONNECTION SIZE	OPERATING WEIGHT (LBS.)	COMMENTS
WH-1	PVI	1250 P 600A-TP	PENTHOUSE	VERTICAL	GAS / 7 INWG	600	1000	1000	115/1/60/10	40/140	75" W x 53" D x 86" H	8"	7692	(1)

(1) PROVIDE WITH 20 YEAR WARRANTY

EXPANSION TANK SCHEDULE

SYMBOL	MANUFACTURER	MODEL NO.	LOCATION	TYPE	CAPACITY (GALLONS)	DIMENSIONS (INCHES)	OPERATING WEIGHT (LBS)	COMMENTS
DET-1	AMTROL	ST-60V	PENTHOUSE	STAND	34	30" X 22" DIA	2203	

SHEET KEYNOTES

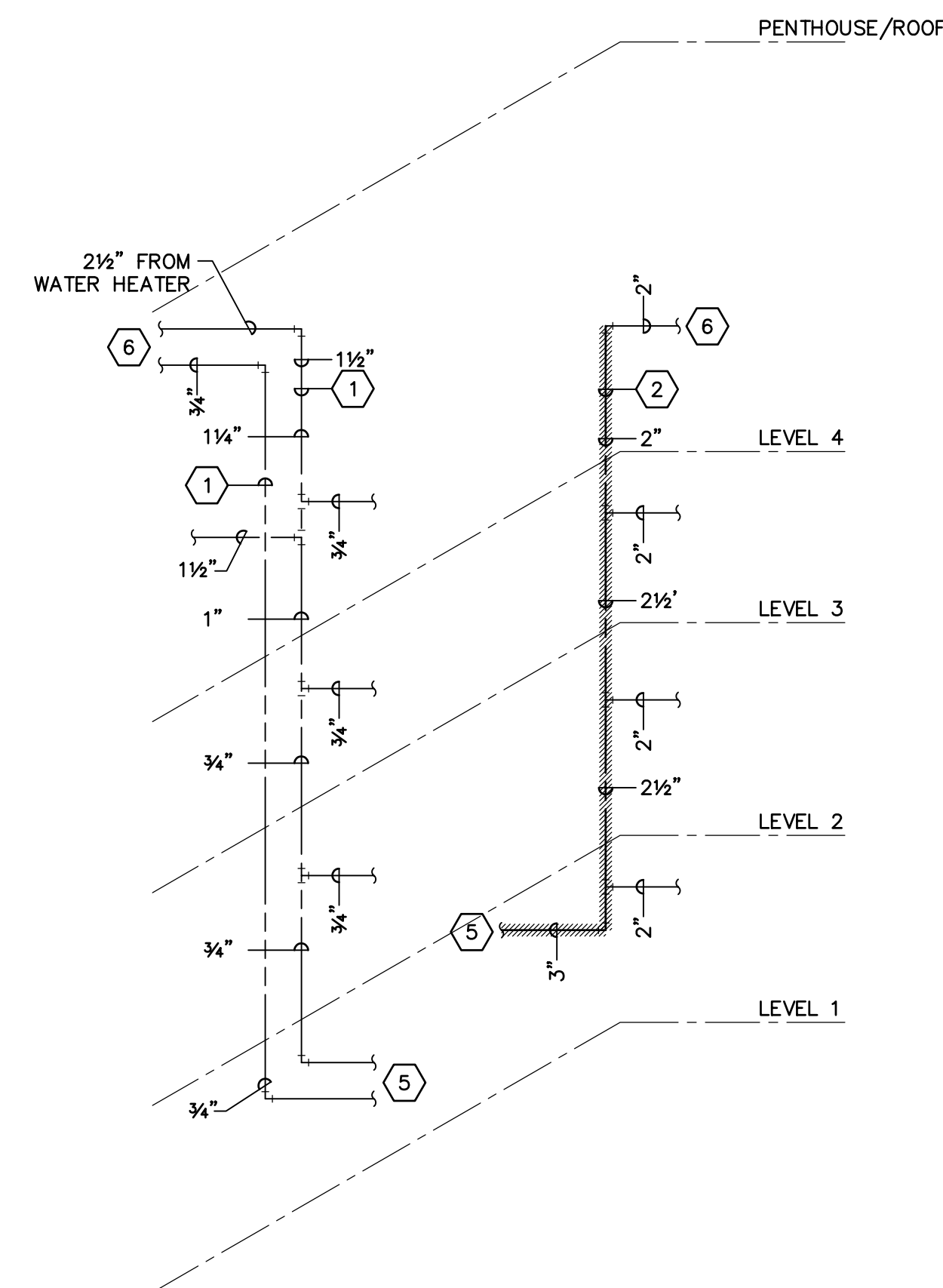
1. EXISTING COPPER PIPE TO REMAIN.
2. REMOVE GALVANIZED PIPE AS INDICATED.
3. SEE SHEET PD109 FOR CONTINUATION.
4. SEE SHEET PD101 FOR CONTINUATION.
5. SEE SHEET PD102 FOR CONTINUATION.
6. SEE SHEET PD108 FOR CONTINUATION.
7. REPLACE WITH NEW COPPER PIPE.
8. SEE SHEET PL108 FOR CONTINUATION.
9. SEE SHEET PL109 FOR CONTINUATION.
10. SEE SHEET PL102 FOR CONTINUATION.
11. SEE SHEET PL101 FOR CONTINUATION.



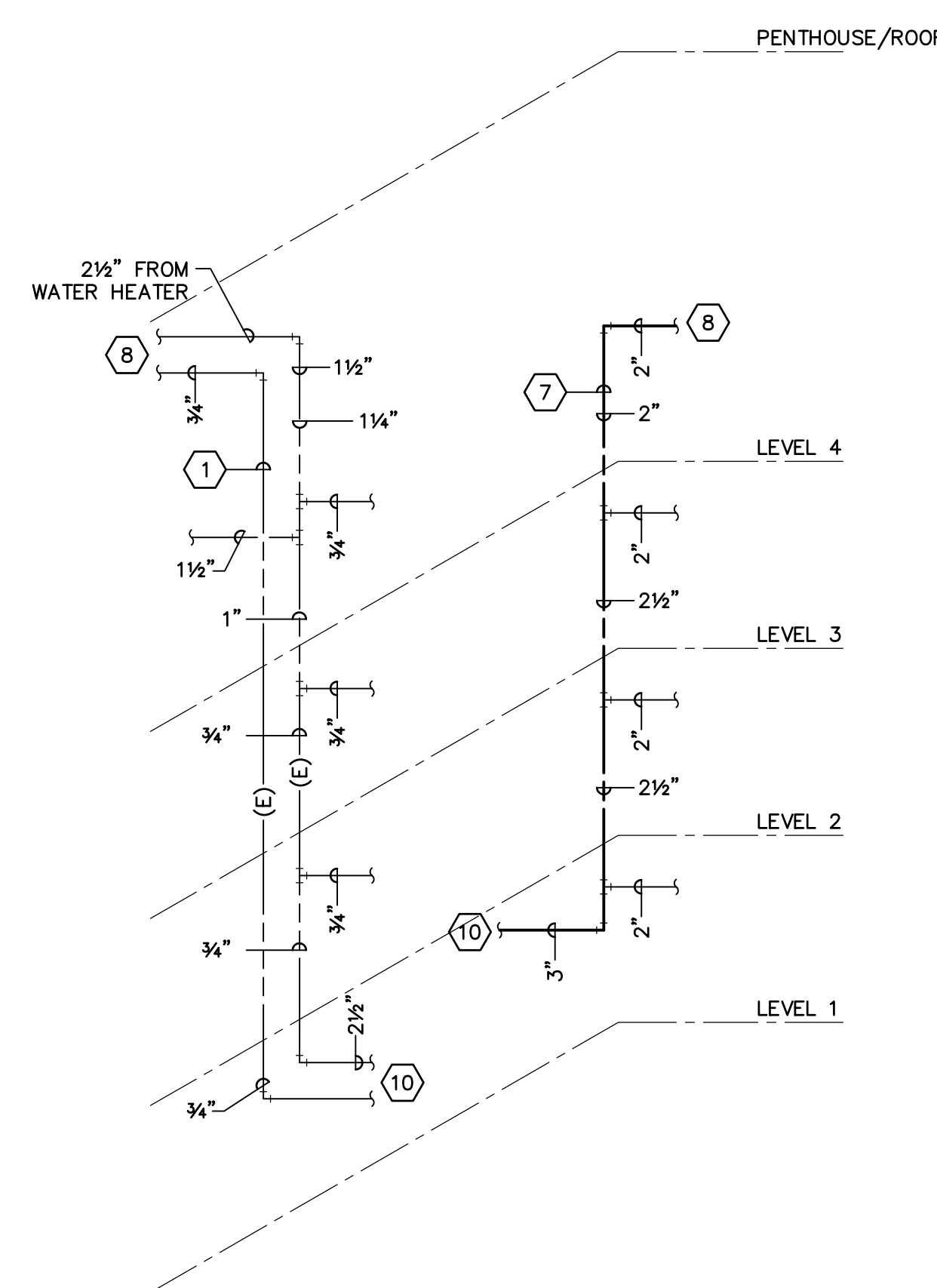
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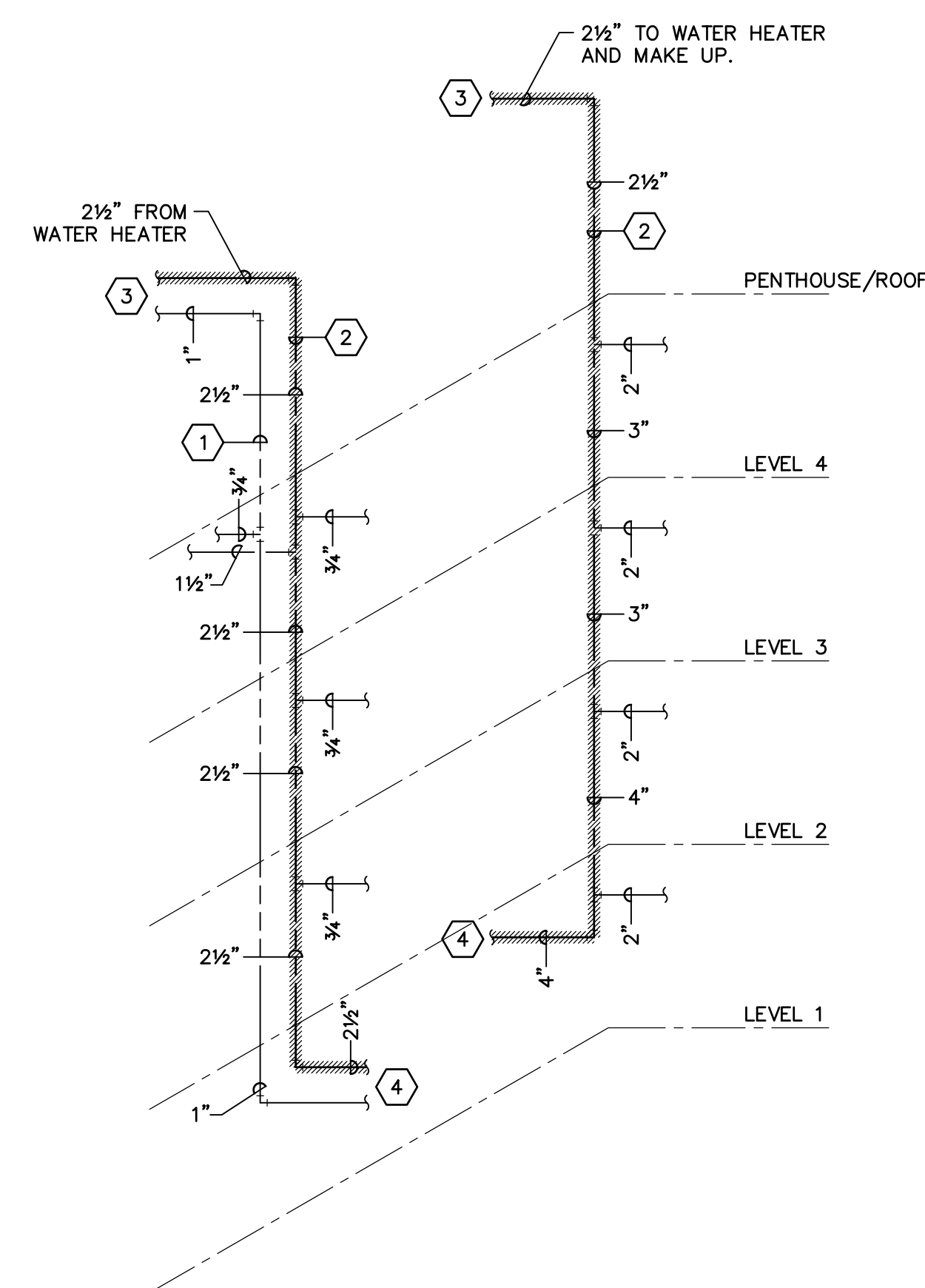
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**DOMESTIC
WATER PIPING
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REPLACEMENT**



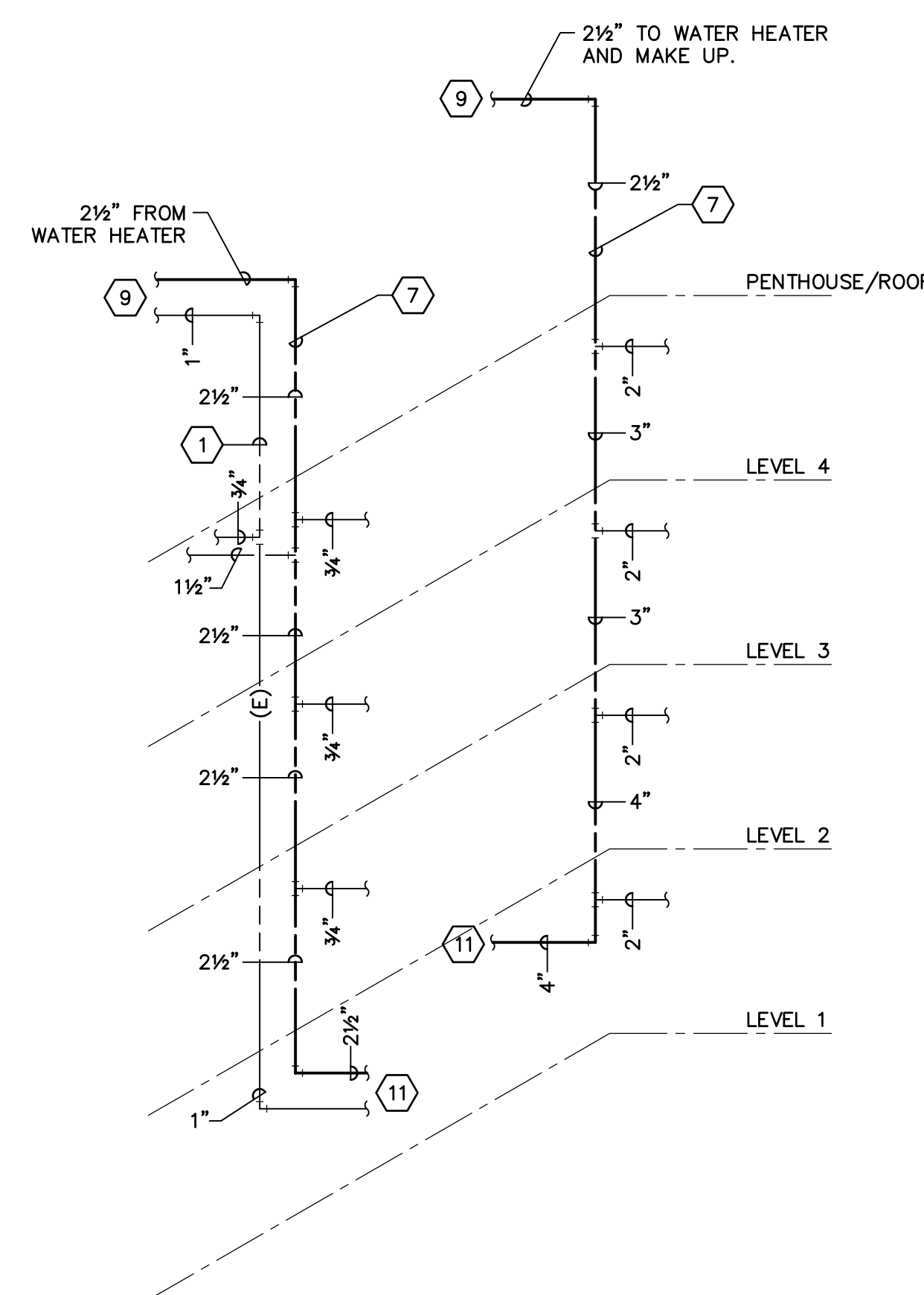
(C1) WEST CORE AREA WATER RISERS (DEMOLITION)
SCALE: NOT TO SCALE



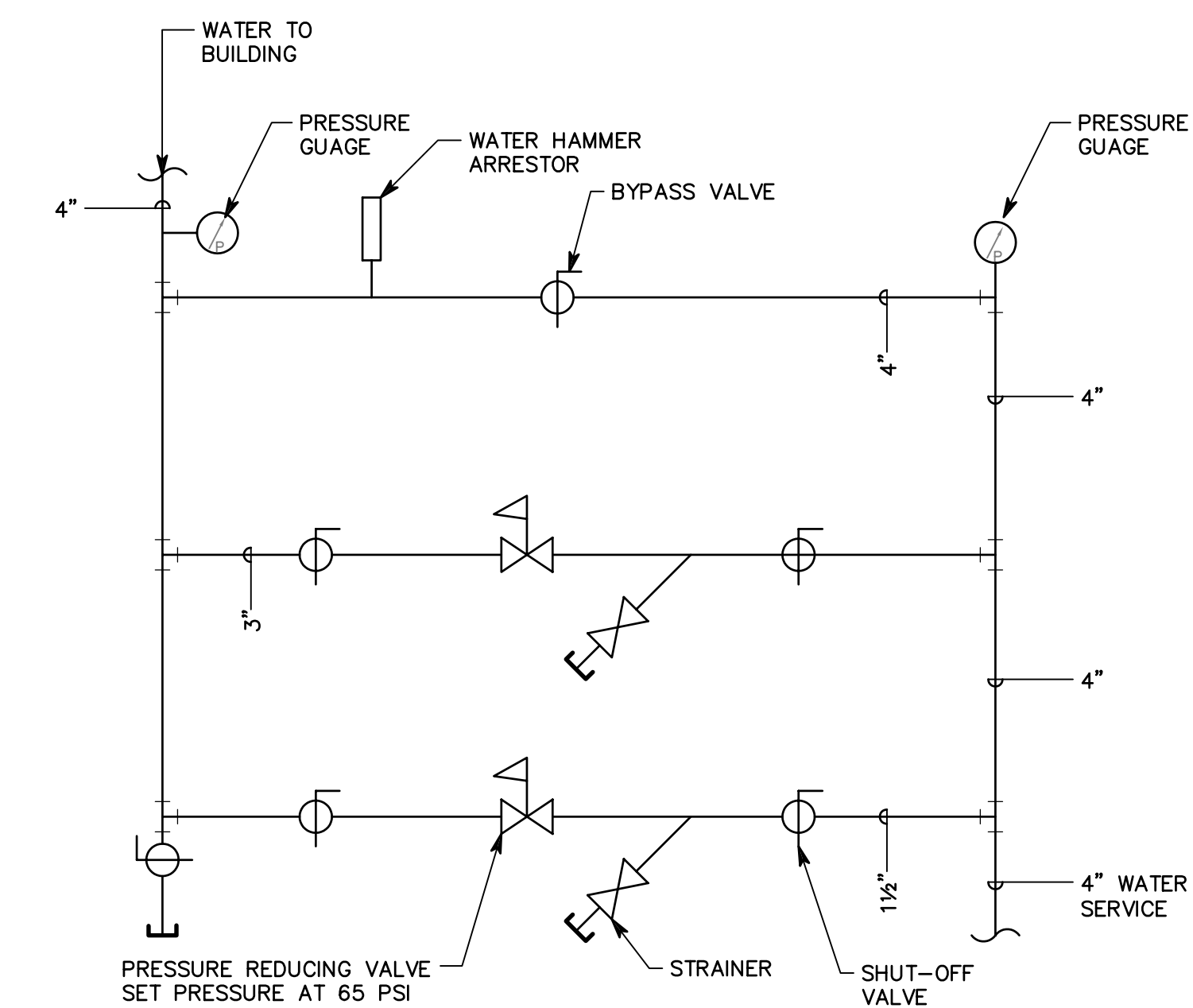
C3 WEST CORE AREA WATER RISERS
SCALE: NOT TO SCALE



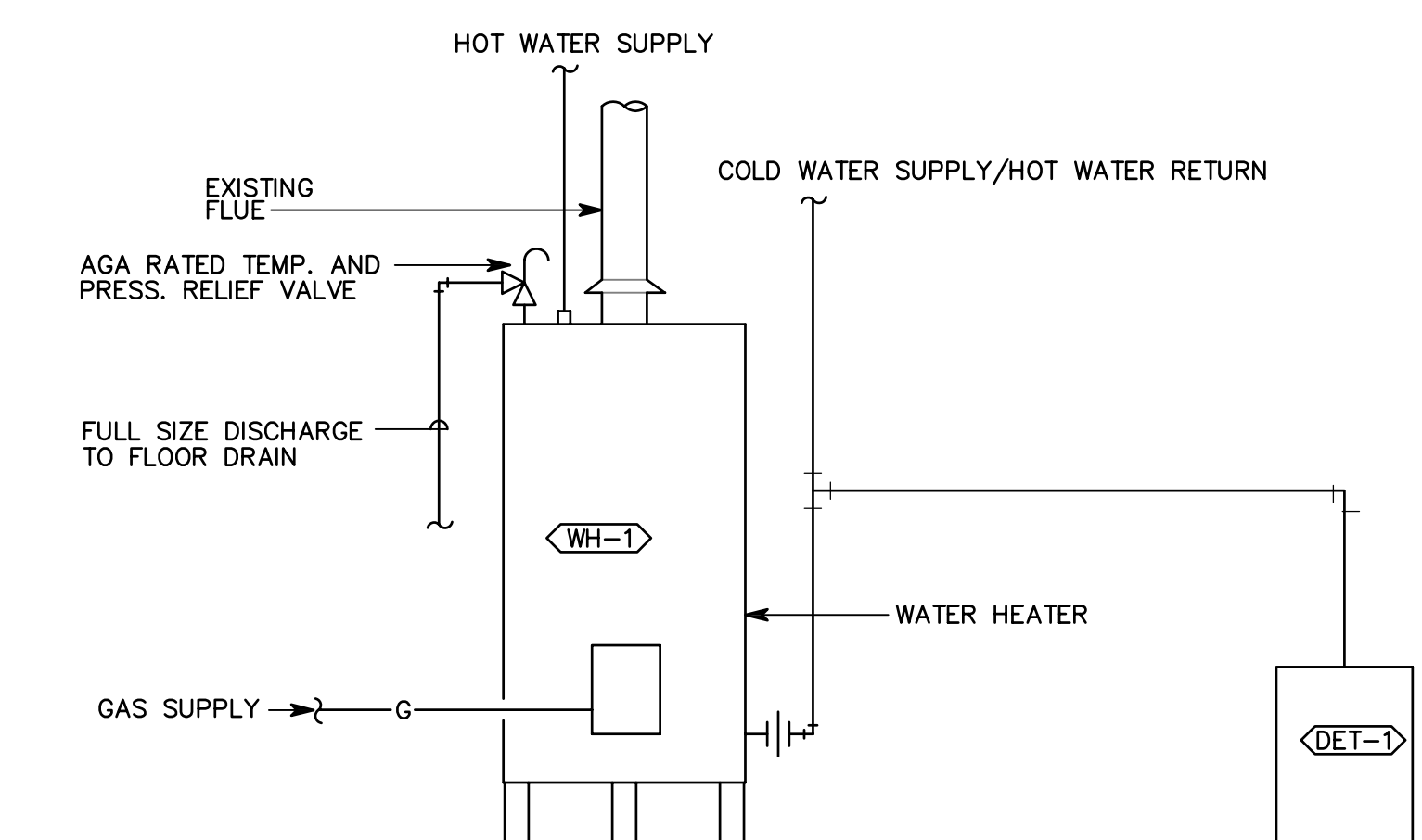
(A1) EAST CORE AREA WATER RISERS (DEMOLITION)
SCALE: NOT TO SCALE



A3 EAST CORE AREA WATER RISERS
SCALE: NOT TO SCALE



B5 WATER HEADER DETAIL
SCALE: NTS



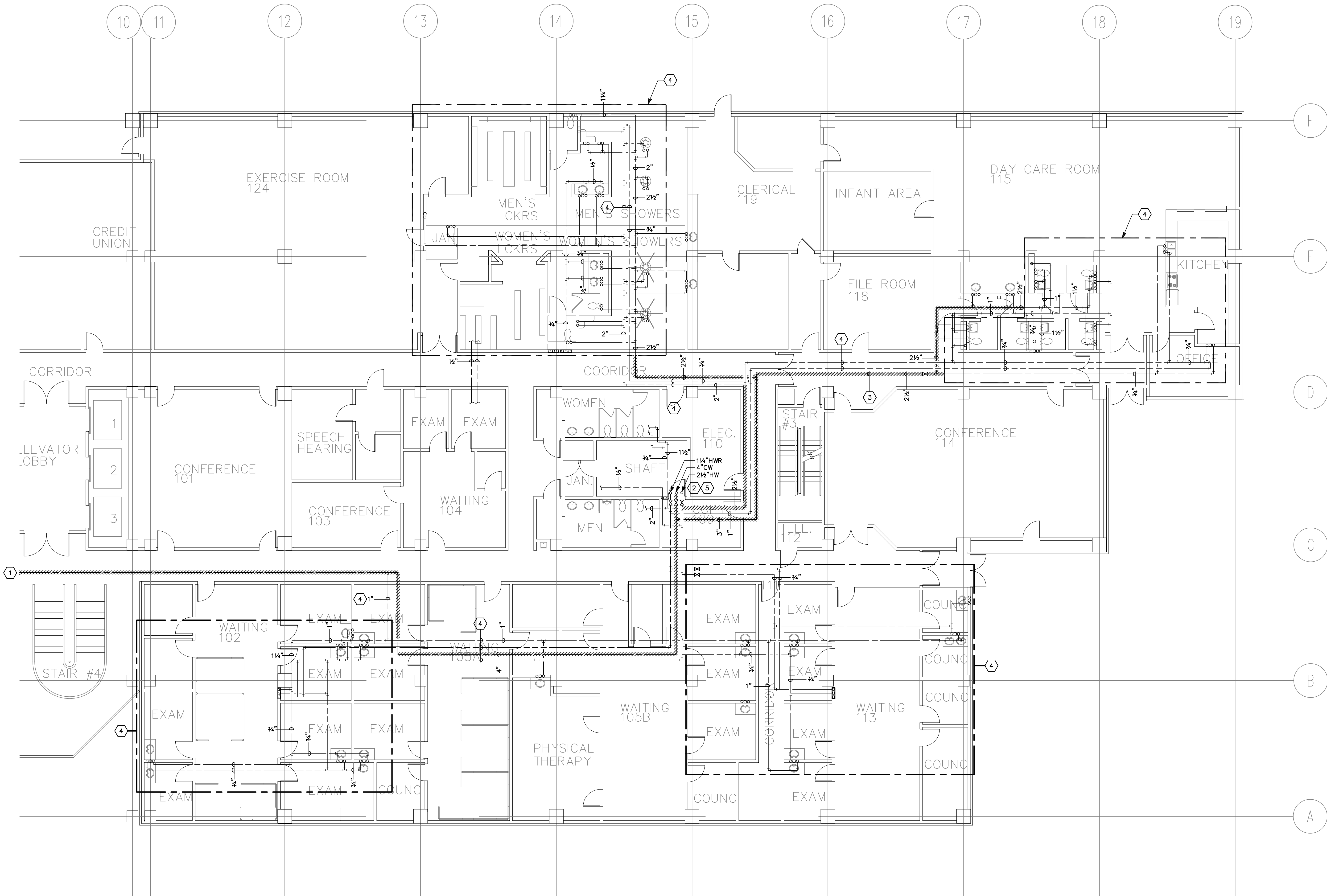
(A5) WATER HEATER DETAIL
SCALE: NTS

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SHEET TITLE		
WATER RISER DIAGRAMS		

PE601

File name: P:\2006\20060357\Drawings\Sheet\57PD101.dwg Last Plotted: 11/01/2006 @ 15:15 By: TNB



1ST FLOOR PLUMBING DEMOLITION PLAN - EAST WING
SCALE: 1/8" = 1'-0"

SHEET KEYNOTES

1. SEE SHEET PD102 FOR CONTINUATION.
2. SEE SHEET PD103 FOR CONTINUATION.
3. REMOVE EXISTING GALVANIZED PIPE AS INDICATED.
4. EXISTING COPPER PIPE TO REMAIN.
5. SEE SHEET PE601 FOR RISER DIAGRAM.



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DATE	9/13/2006	
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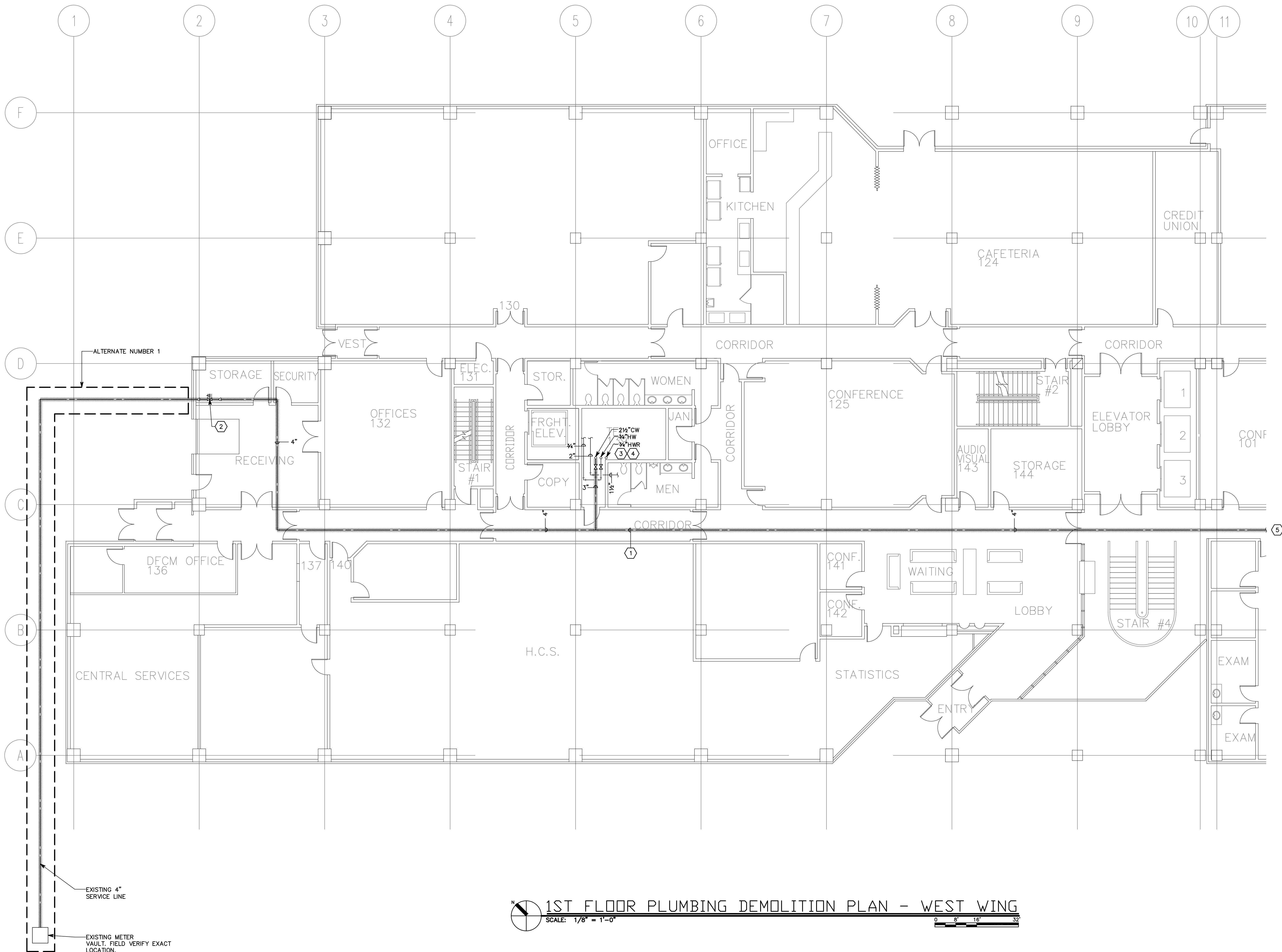
SHEET TITLE
1ST FLOOR PLUMBING
DEMOLITION PLAN -
EAST WING

PD101

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1ST FLOOR PLUMBING DEMOLITION PLAN - WEST WING
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. ALL EXISTING FIXTURES TO REMAIN.

SHEET KEYNOTES

1. REMOVE GALVANIZED PIPE AS INDICATED.
2. REMOVE WATER HEADER AND PRESSURE REDUCING VALVES.
3. SEE SHEET PD104 FOR CONTINUATION.
4. SEE SHEET PE601 FOR RISER DIAGRAM.
5. SEE SHEET PD101 FOR CONTINUATION.



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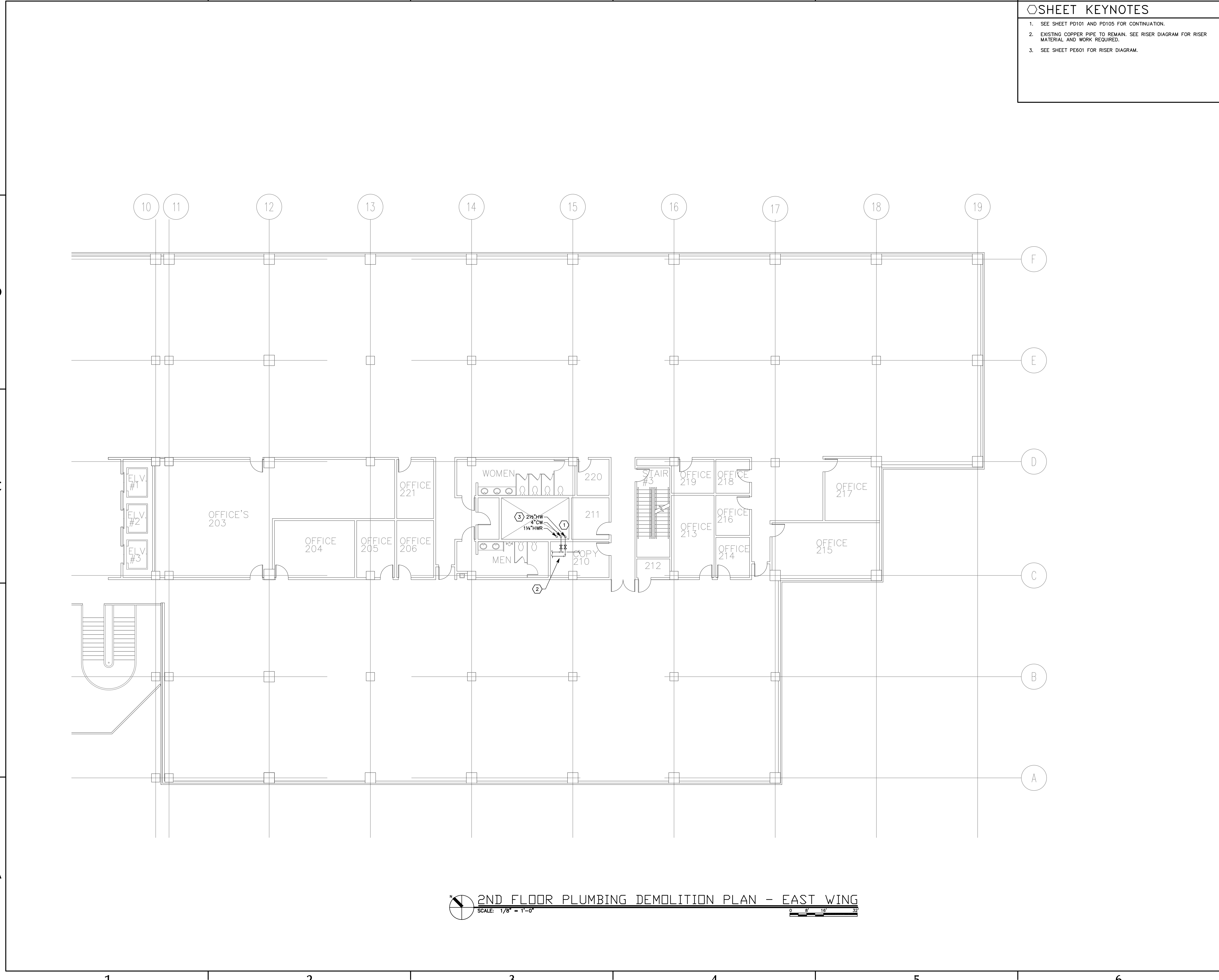
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SHEET TITLE
1ST FLOOR PLUMBING
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WEST WING

PD102
SHEET OF

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◇SHEET KEYNOTES

1. SEE SHEET PD101 AND PD105 FOR CONTINUATION.

2. EXISTING COPPER PIPE TO REMAIN. SEE RISER DIAGRAM FOR RISER MATERIAL AND WORK REQUIRED.

3. SEE SHEET PE601 FOR RISER DIAGRAM.



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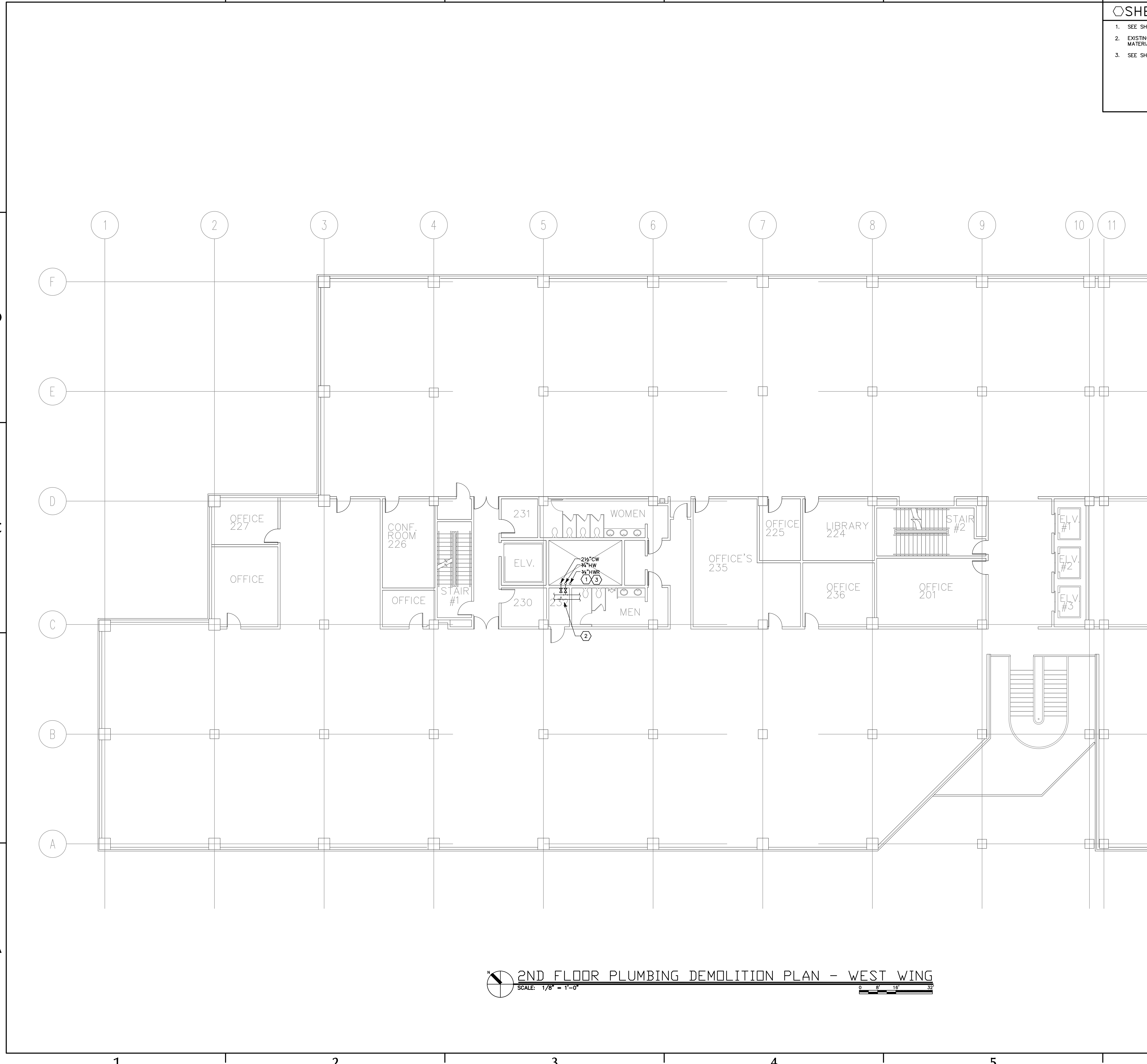
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SHEET TITLE		
2ND FLOOR PLUMBING DEMOLITION PLAN - EAST WING		

PD103

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◇SHEET KEYNOTES

1. SEE SHEET PD102 AND PL106 FOR CONTINUATION.
2. EXISTING COPPER PIPE TO REMAIN. SEE RISER DIAGRAM FOR RISER MATERIAL AND WORK REQUIRED.
3. SEE SHEET PE601 FOR RISER DIAGRAM.



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SHEET TITLE
2ND FLOOR PLUMBING
DEMOLITION PLAN -
WEST WING

PD104

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SHEET KEYNOTES

- SEE SHEET PD103 AND SHEET PD105 FOR CONTINUATION.
- EXISTING COPPER PIPE TO REMAIN. SEE RISER DIAGRAM FOR RISER MATERIAL AND WORK REQUIRED.
- SEE SHEET PE601 FOR RISER DIAGRAM.



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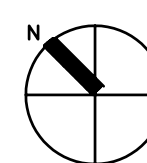
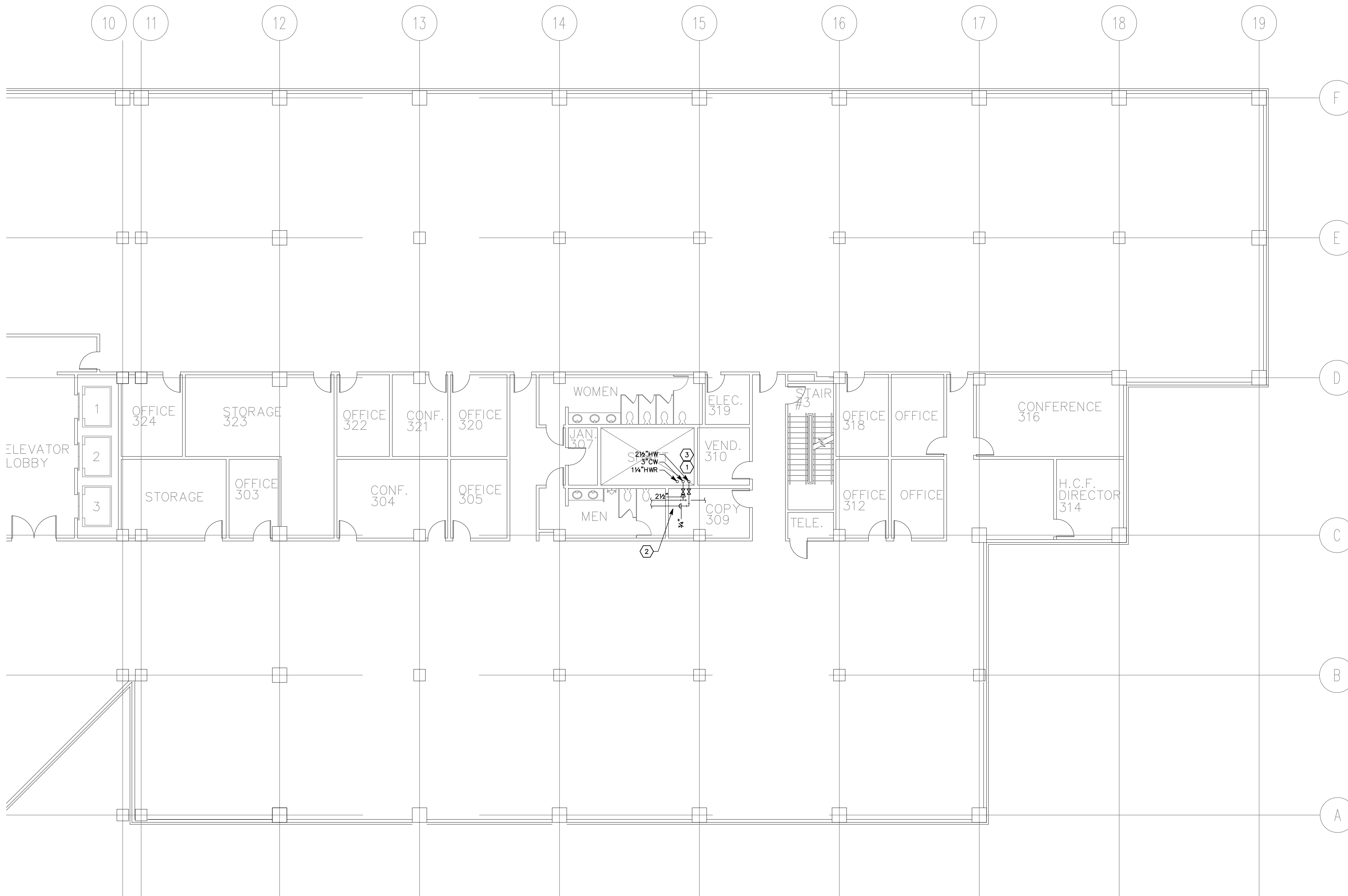
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SHEET TITLE
3RD FLOOR PLUMBING
DEMOLITION PLAN -
EAST WING

PD105

SHEET OF

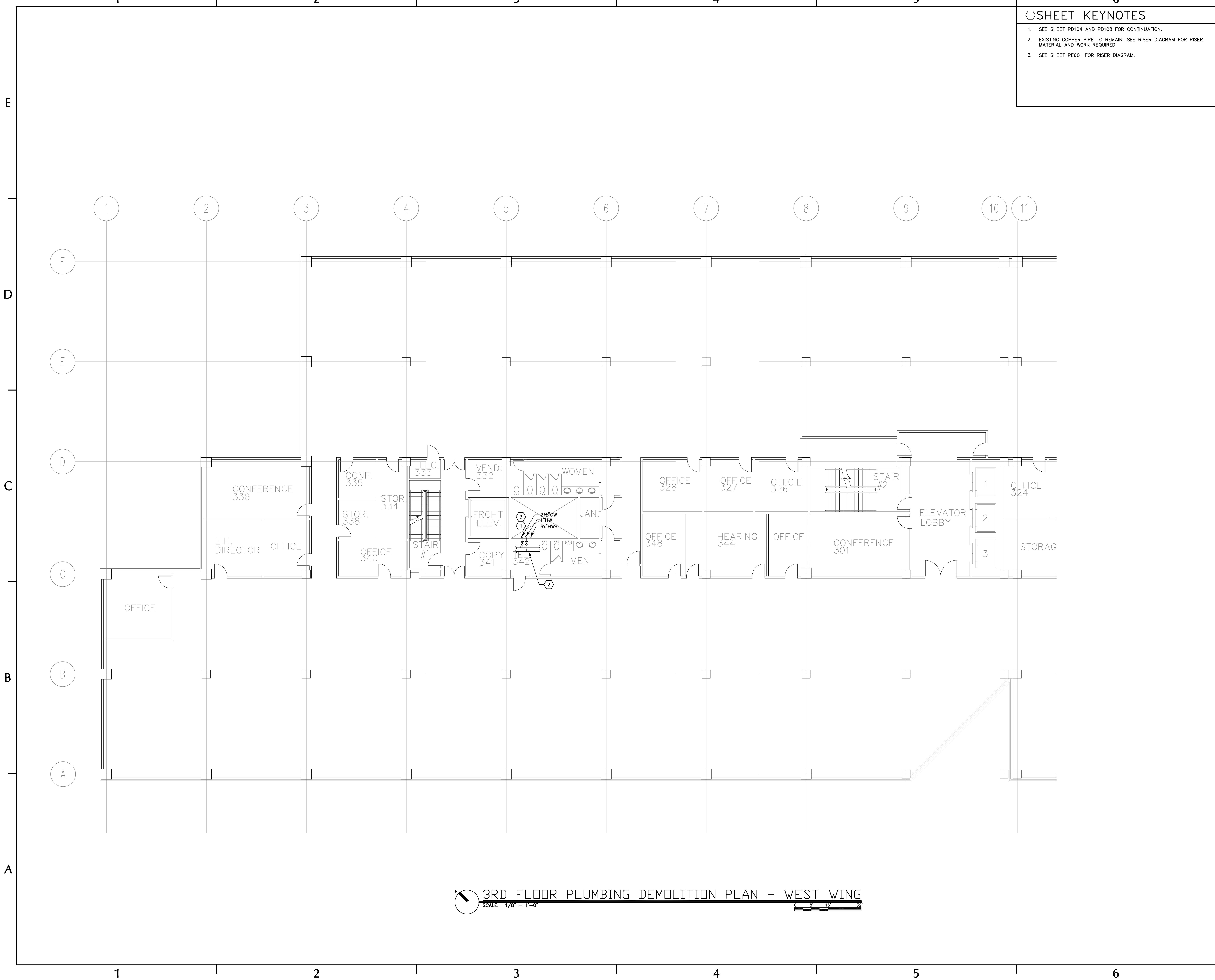


3RD FLOOR PLUMBING DEMOLITION PLAN - EAST WING

SCALE: 1/8" = 1'-0"

0 8' 16' 32'

File name: P:\2006\20060357\Drawings\Sheet\57PD106.dwg Last Plotted: 11/01/2006 @ 15:15 By: TNB



○ SHEET KEYNOTES

1. SEE SHEET PD104 AND PD108 FOR CONTINUATION.
2. EXISTING COPPER PIPE TO REMAIN. SEE RISER DIAGRAM FOR RISER MATERIAL AND WORK REQUIRED.
3. SEE SHEET PE601 FOR RISER DIAGRAM.



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SHEET TITLE
3RD FLOOR PLUMBING
DEMOLITION PLAN -
WEST WING

PD106

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File name: P:\2006\20060357\Drawings\Sheet\57PD107.dwg Last Plotted: 11/01/2006 @ 15:15 By: TNB

SHEET KEYNOTES

1. EXISTING COPPER PIPE TO REMAIN.
2. SEE SHEET PD108 FOR CONTINUATION.
3. SEE SHEET PD105 AND PD109 FOR CONTINUATION.
4. SEE SHEET PE601 FOR RISER DIAGRAM.



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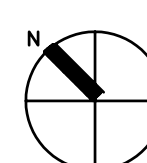
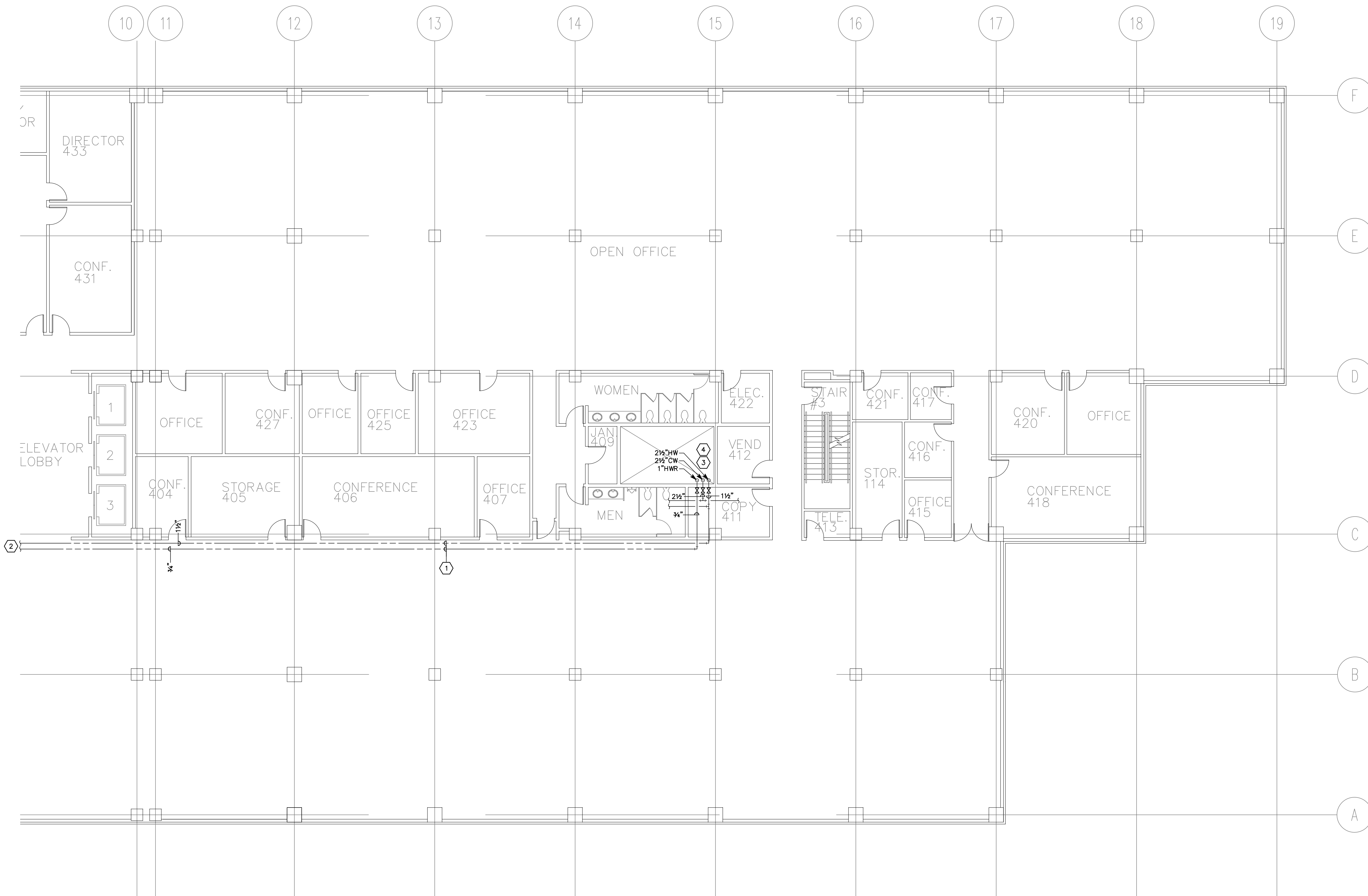
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SHEET TITLE
4TH FLOOR PLUMBING
DEMOLITION PLAN -
EAST WING

PD107

SHEET OF

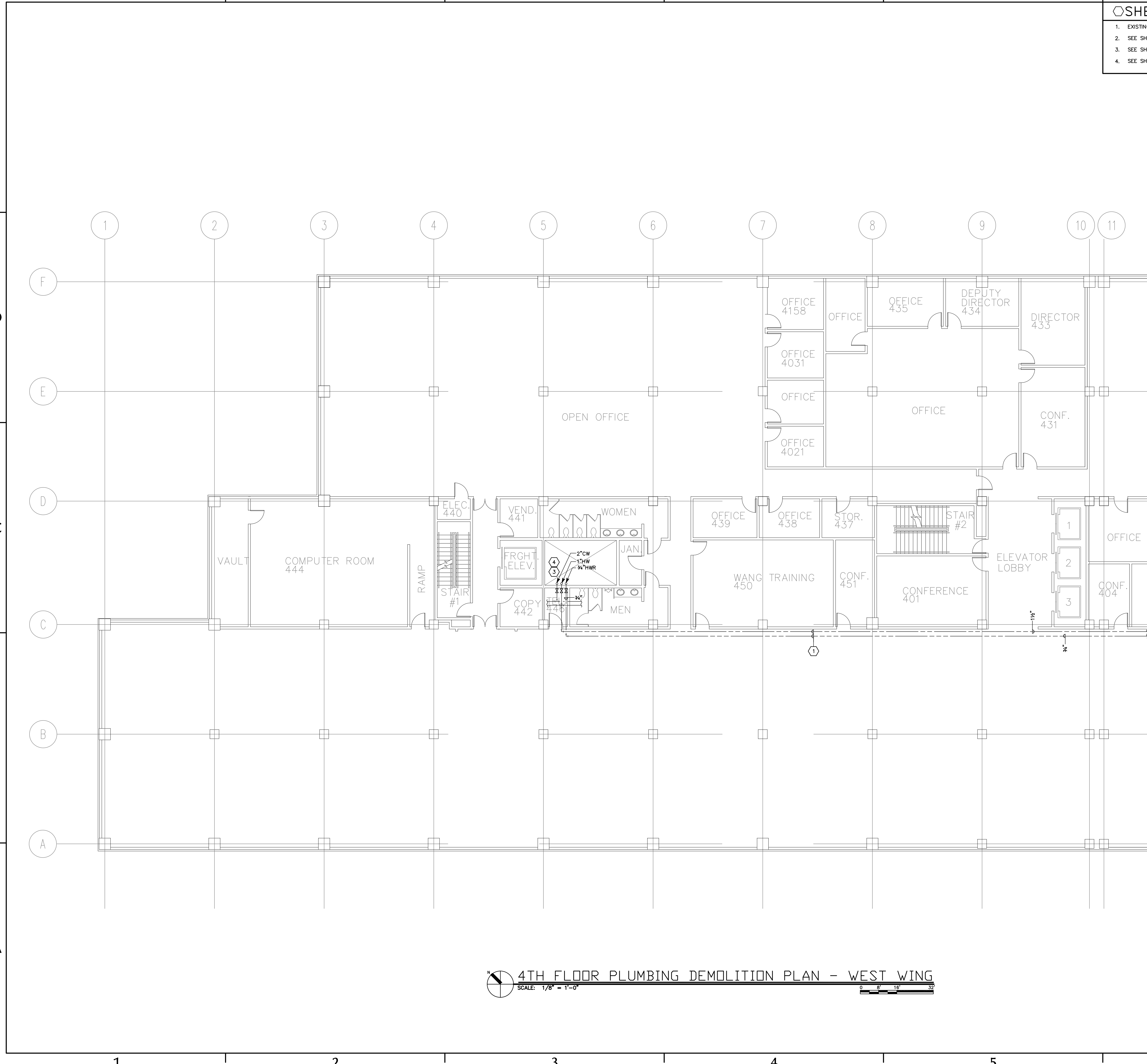


4TH FLOOR PLUMBING DEMOLITION PLAN - EAST WING

SCALE: 1/8" = 1'-0"

0 8' 16' 32'

File name: P:\2006\20060357\Drawings\Sheet\57PD108.dwg Last Plotted: 11/01/2006 @ 15:15 By: TNB



SHEET KEYNOTES

1. EXISTING COPPER PIPE TO REMAIN.
2. SEE SHEET PL107 FOR CONTINUATION.
3. SEE SHEET PL106 FOR CONTINUATION.
4. SEE SHEET PE601 FOR RISER DIAGRAM.



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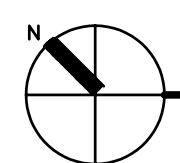
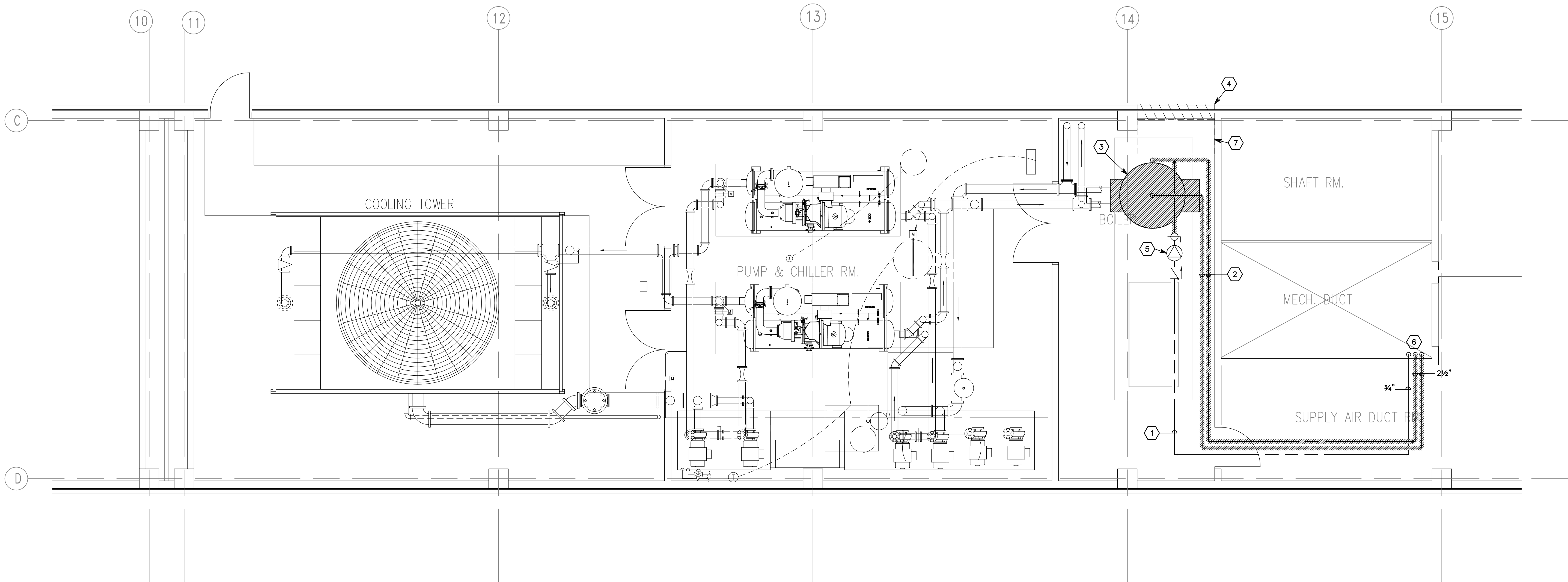
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SHEET TITLE
4TH FLOOR PLUMBING
DEMOLITION PLAN -
WEST WING

PD108
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PARTIAL PENTHOUSE DEMOLITION PLUMBING PLAN
SCALE: 1/4" = 1'-0"



SHEET KEYNOTES

1. EXISTING COPPER PIPE TO REMAIN.
2. REMOVE GALVANIZED PIPE AS INDICATED.
3. REMOVE EXISTING HOT WATER HEATER AND ASSOCIATED PLUMBING.
4. REMOVE LOUVER AND WALL AS NECESSARY TO PROVIDE ACCESS FOR WATER HEATER. KEEP LOUVER FOR REINSTALLATION AFTER NEW WATER HEATER HAS BEEN INSTALLED. CONTRACTOR IS RESPONSIBLE TO REPLACE WITH NEW LOUVER AS REQUIRED.
5. EXISTING PUMP TO REMAIN.
6. SEE SHEET PD107 FOR CONTINUATION.
7. REMOVE EXISTING DUCT AND KEEP FOR REINSTALLATION AFTER NEW WATER HEATER HAS BEEN INSTALLED. CONTRACTOR IS RESPONSIBLE TO REPLACE WITH NEW DUCT AS REQUIRED.



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DOMESTIC WATER PIPING & EQUIPMENT REPLACEMENT

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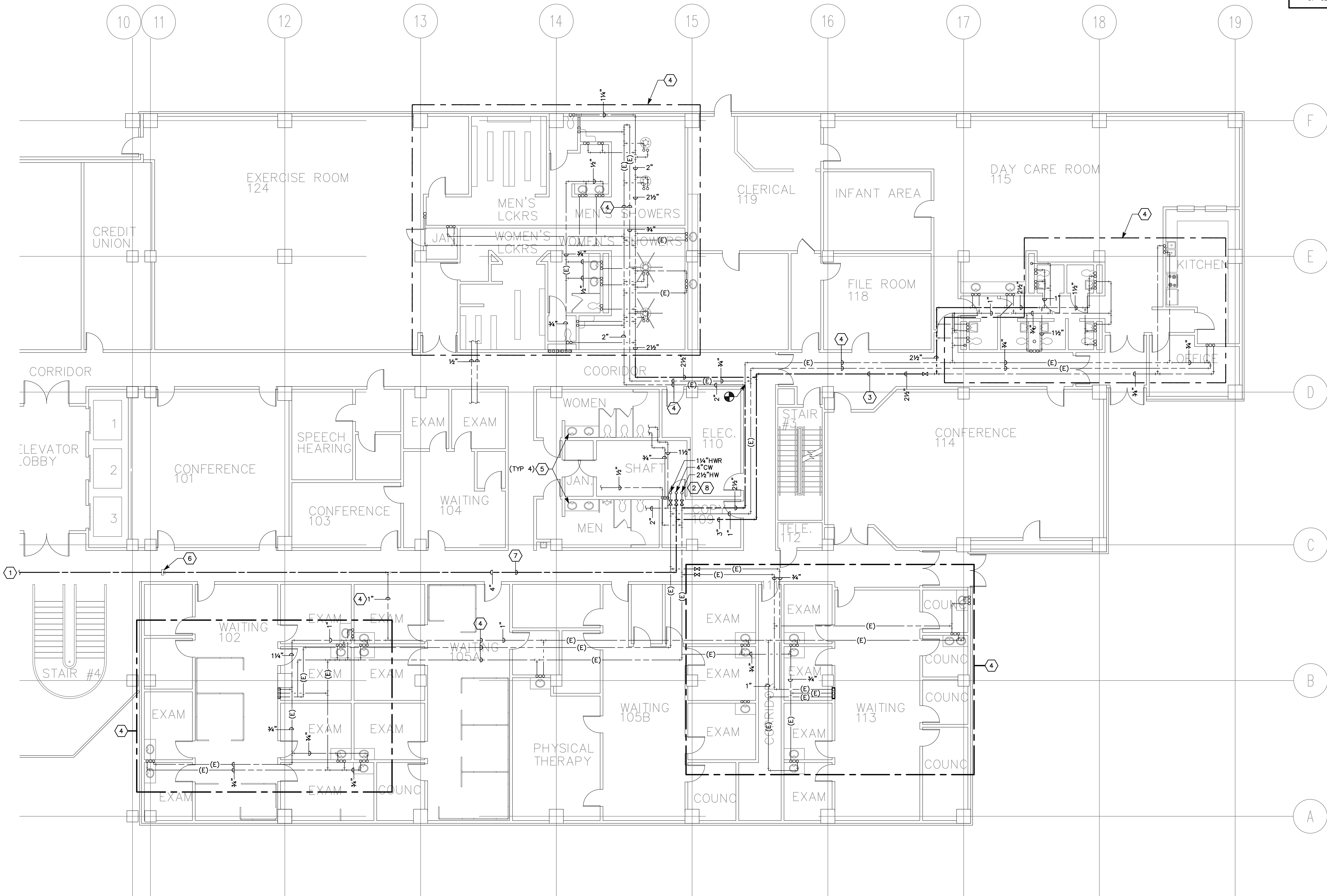
SHEET TITLE

PENTHOUSE PLUMBING DEMOLITION PLAN
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PD109

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1ST FLOOR PLUMBING PLAN - EAST WING
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. WORK WILL REQUIRE A MINIMUM IMPACT ON THE BUILDING. CONTRACTOR TO COORDINATE PERIODS OF IMPACT WITH THE OWNER.
2. CONTRACTOR TO PROVIDE, WITH BID, ESTIMATED TIME TO COMPLETE WORK. CONTRACTOR TO INCLUDE WITH HIS BID DETAILED DESCRIPTION OF TIMES OF DAY THE WORK WILL OCCUR. AFTER HOURS WORK IS PREFERRED.

SHEET KEYNOTES

1. SEE SHEET PL102 FOR CONTINUATION.
2. SEE SHEET PL103 FOR CONTINUATION.
3. INSTALL NEW COPPER PIPE AS INDICATED.
4. EXISTING COPPER PIPE TO REMAIN.
5. PROVIDE INSULATION ON EXPOSED HOT WATER AND DRAIN LINES.
6. FURINSH EXPANSION JOINT.
7. IF REQUIRED PENETRATE DUCT CROSSING CORRIDOR AND SEAL PENETRATIONS.
8. SEE SHEET PE601 FOR RISER DIAGRAM.



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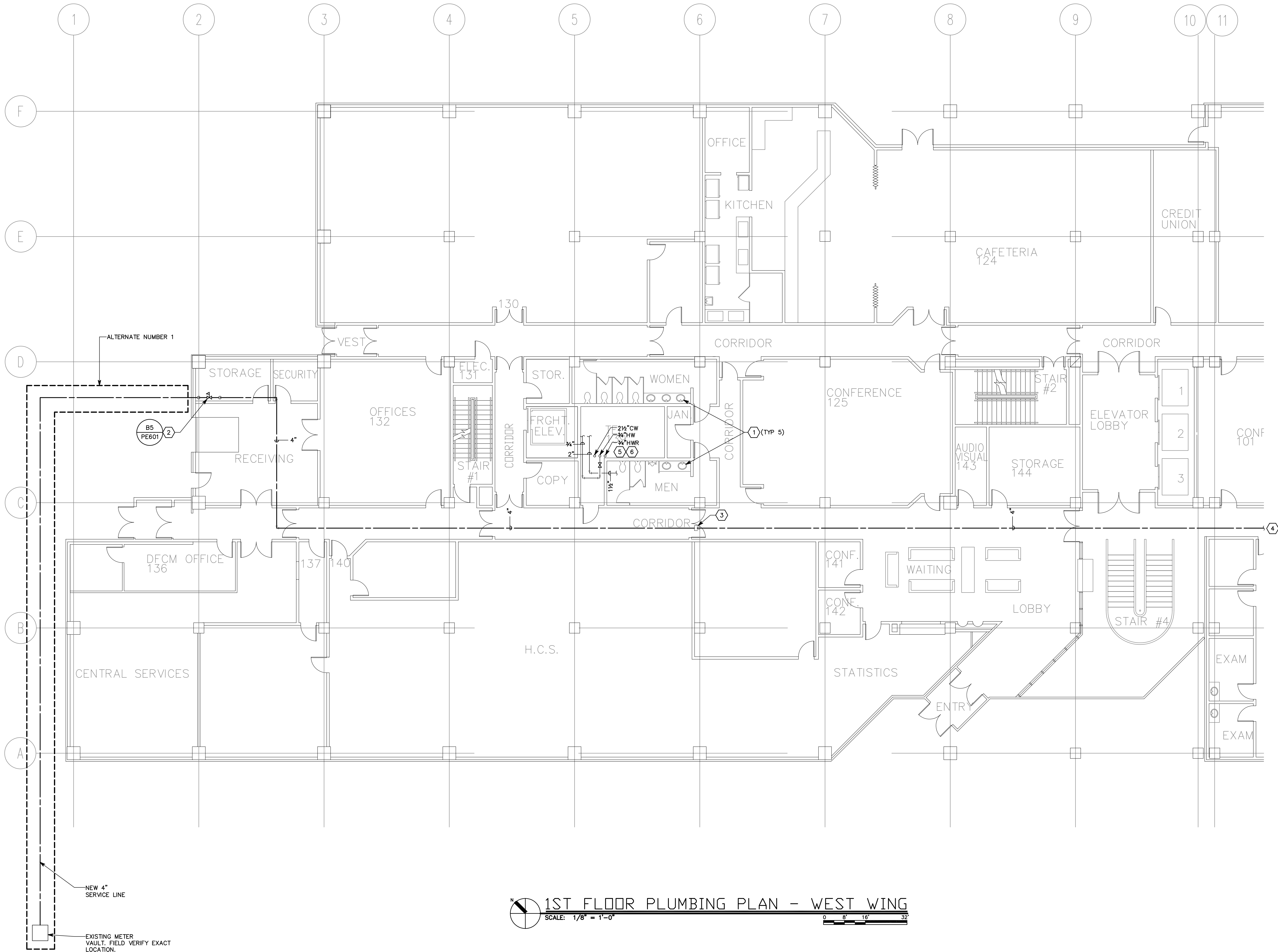
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SHEET TITLE
1ST FLOOR
PLUMBING PLAN -
EAST WING

PL101
SHEET OF

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1ST FLOOR PLUMBING PLAN - WEST WING
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. ALL EXISTING FIXTURES TO REMAIN.
2. INSTALL WATER PIPING SHOWN ABOVE THE CEILING UNLESS NOTED OTHERWISE.
3. PATCH AND REPAIR PIPING AT ALL PENETRATIONS.

SHEET KEYNOTES

1. PROVIDE INSULATION ON EXPOSED HOT WATER AND DRAIN LINES.
2. NEW WATER HEADER. SEE DETAIL B5/PE601.
3. FURNISH EXPANSION JOINT.
4. SEE SHEET PL101 FOR CONTINUATION.
5. SEE SHEET PL104 FOR CONTINUATION.
6. SEE PE601 FOR RISER DIAGRAM



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SHEET TITLE
1ST FLOOR
PLUMBING PLAN -
WEST WING

PL102
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File name: P:\2006\20060357\Drawings\Sheet\57PL103.dwg Last Plotted: 11/01/2006 @ 15:14 By: TNB



⬡SHEET KEYNOTES

1. PROVIDE INSULATION ON EXPOSED HOT WATER AND DRAIN LINES.

2. SEE SHEET PL101 AND PL105 FOR CONTINUATION.

3. SEE SHEET PE601 FOR RISER DIAGRAM.



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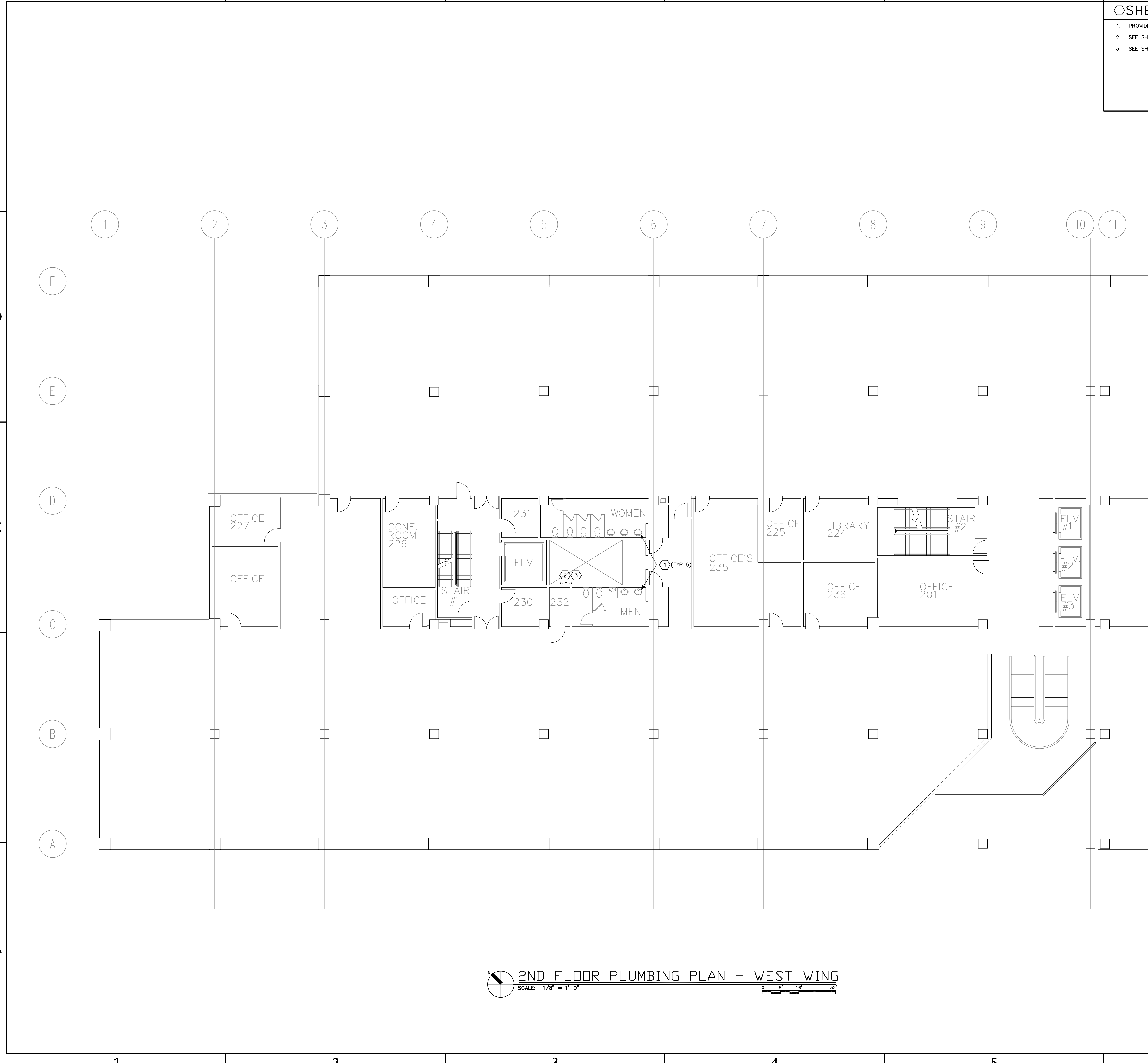
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SHEET TITLE		
2ND FLOOR PLUMBING PLAN - EAST WING		

PL103

SHEET OF

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◇SHEET KEYNOTES

1. PROVIDE INSULATION ON EXPOSED HOT WATER AND DRAIN LINES.
2. SEE SHEET PL102 AND PL106 FOR CONTINUATION.
3. SEE SHEET PE601 FOR RISER DIAGRAM.



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**DOMESTIC
WATER PIPING
& EQUIPMENT
REPLACEMENT**

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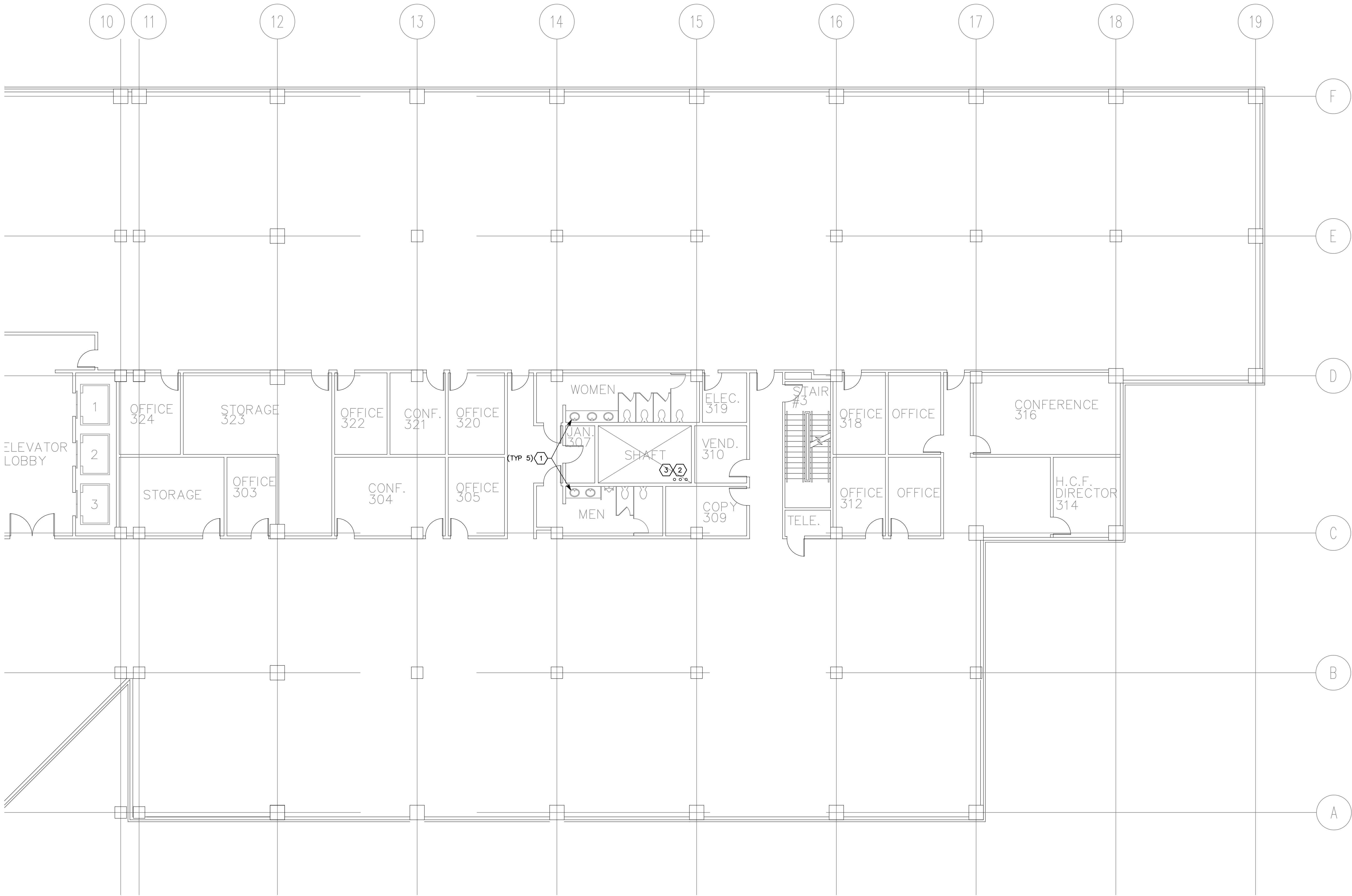
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PROJECT NO:	06140390	
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SHEET TITLE
2ND FLOOR
PLUMBING PLAN -
WEST WING

PL104
SHEET OF

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3RD FLOOR PLUMBING PLAN - EAST WING
SCALE: 1/8" = 1'-0"

SHEET KEYNOTES

1. PROVIDE INSULATION ON EXPOSED HOT WATER AND DRAIN LINES.
2. SEE SHEET PL103 AND PL107 FOR CONTINUATION.
3. SEE SHEET PE601 FOR RISER DIAGRAM.



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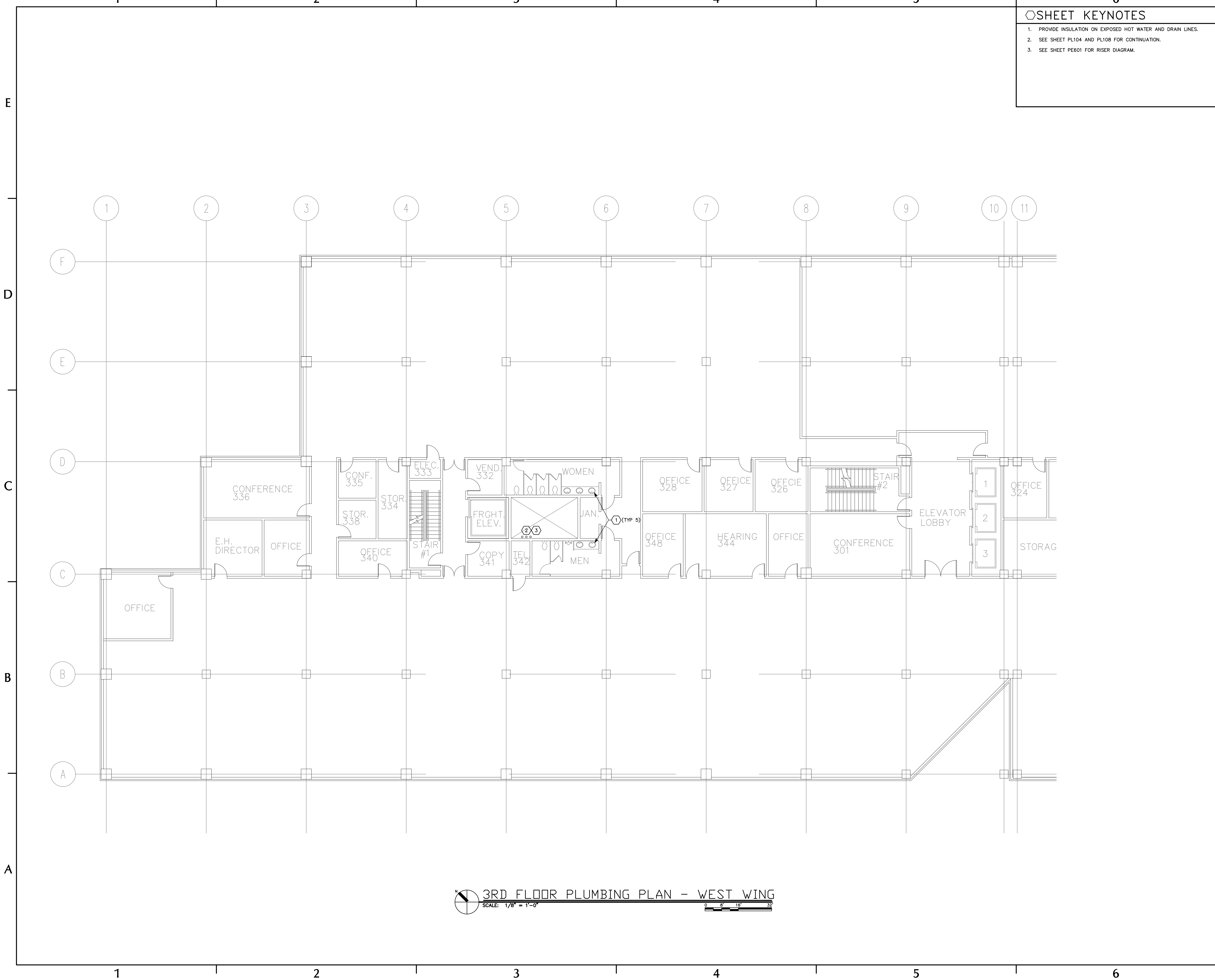
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SHEET TITLE
3RD FLOOR
PLUMBING PLAN -
EAST WING

PL105

SHEET OF

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KEYNOTE SYMBOL SHEET KEYNOTES

1. PROVIDE INSULATION ON EXPOSED HOT WATER AND DRAIN LINES.
2. SEE SHEET PL104 AND PL108 FOR CONTINUATION.
3. SEE SHEET PE601 FOR RISER DIAGRAM.



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SHEET TITLE
3RD FLOOR
PLUMBING PLAN -
WEST WING

PL106

SHEET OF

File name: P:\2006\20060357\Drawings\Sheet\57PL107.dwg Last Plotted: 11/01/2006 @ 15:13 By: TNB



4TH FLOOR PLUMBING PLAN - EAST WING
SCALE: 1/8" = 1'-0"

SHEET KEYNOTES

1. EXISTING COPPER PIPE TO REMAIN.
2. SEE SHEET PL108 FOR CONTINUATION.
3. SEE SHEET PL105 AND PL109 FOR CONTINUATION.
4. PROVIDE INSULATION ON EXPOSED HOT WATER AND DRAIN LINES.
5. SEE SHEET PE601 FOR RISER DIAGRAM.



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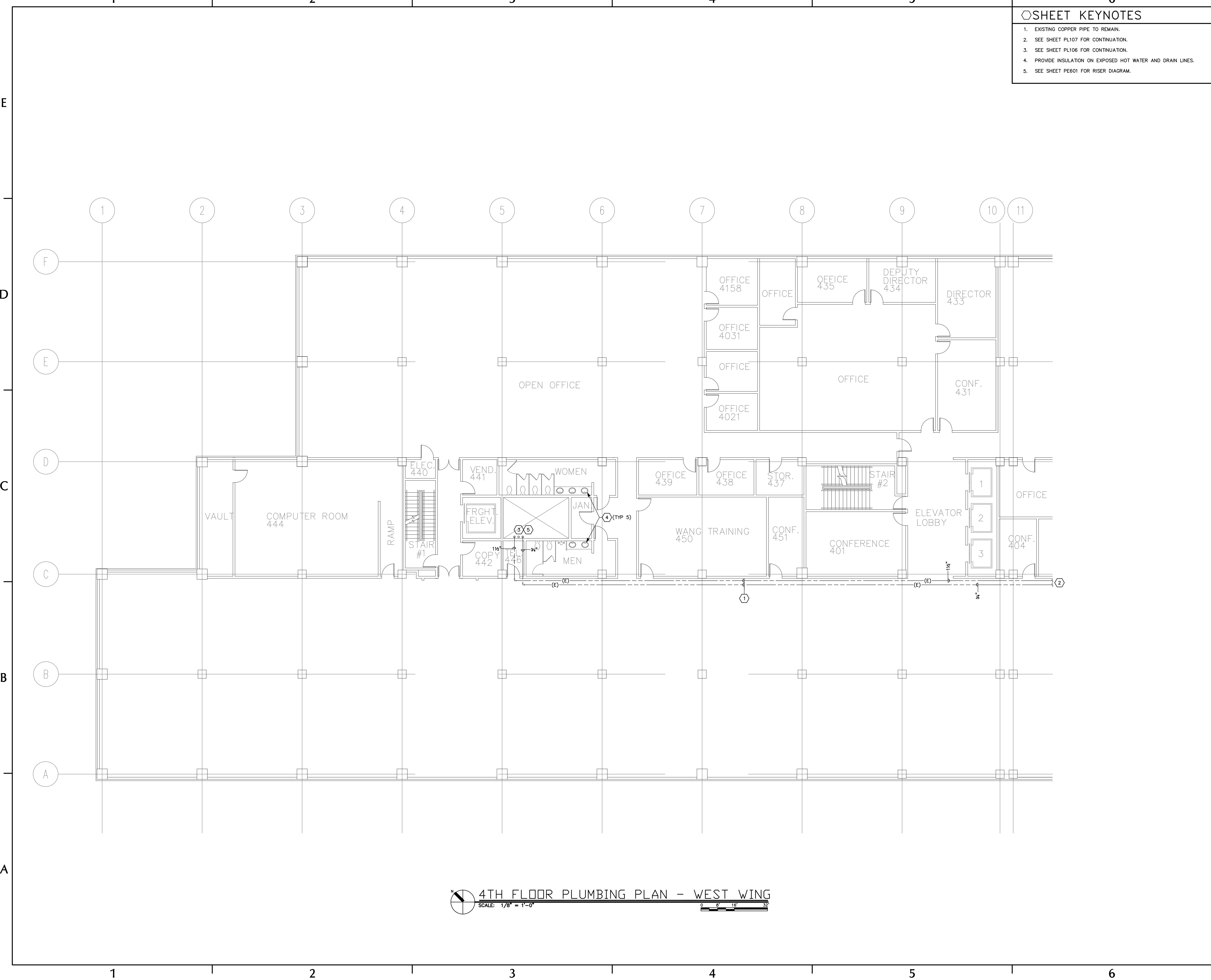
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SHEET TITLE
4TH FLOOR
PLUMBING PLAN -
EAST WING

PL107
SHEET OF

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○SHEET KEYNOTES

1. EXISTING COPPER PIPE TO REMAIN.
2. SEE SHEET PL107 FOR CONTINUATION.
3. SEE SHEET PL106 FOR CONTINUATION.
4. PROVIDE INSULATION ON EXPOSED HOT WATER AND DRAIN LINES.
5. SEE SHEET PE601 FOR RISER DIAGRAM.



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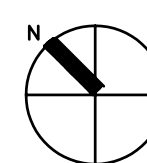
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SHEET TITLE
4TH FLOOR
PLUMBING PLAN -
WEST WING

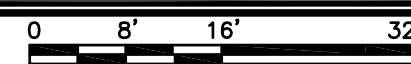
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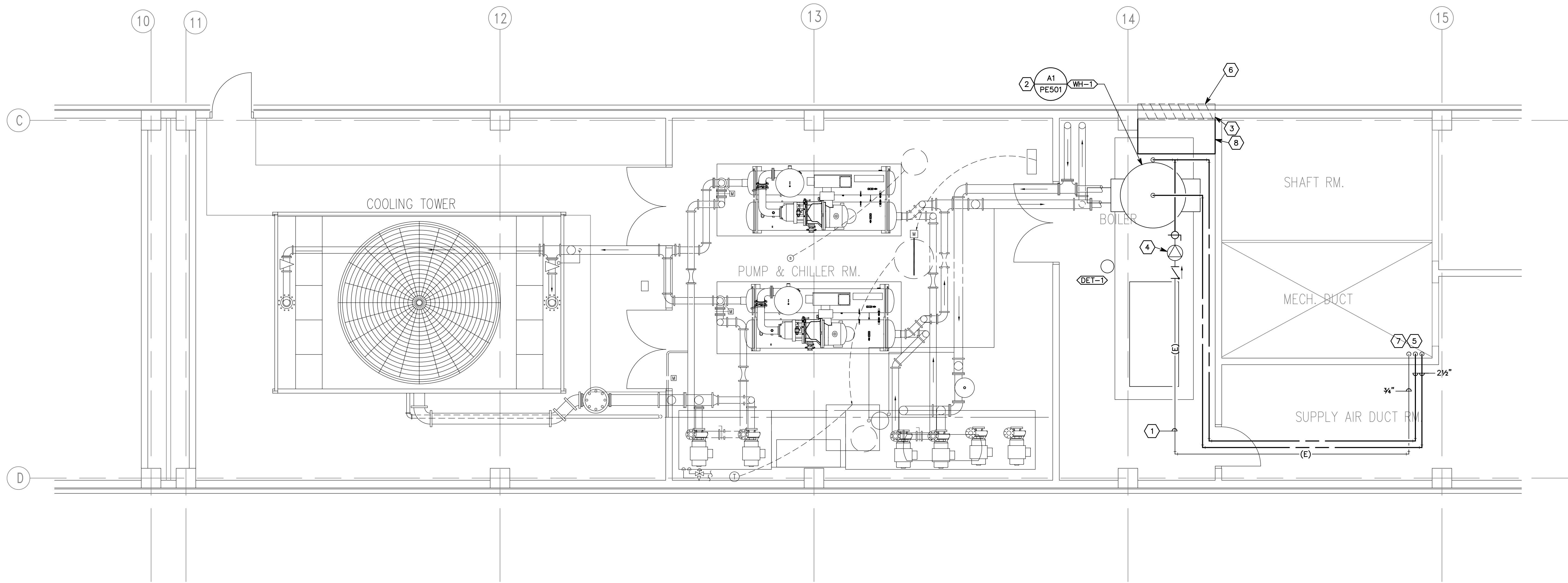


4TH FLOOR PLUMBING PLAN - WEST WING

SCALE: 1/8" = 1'-0"



File name: P:\2006\20060357\Drawings\Sheet\57PL109.dwg Last Plotted: 11/01/2006 @ 15:15 By: TNB



PARTIAL PENTHOUSE PLUMBING PLAN
SCALE: 1/4" = 1'-0"

SHEET KEYNOTES

1. EXISTING COPPER PIPE TO REMAIN.
2. INSTALL NEW WATER HEATER. CONNECT TO EXISTING FLUE AND GAS LINE.
3. PATCH AND REPAIR WALL AS REQUIRED AFTER NEW WATER HEATER IS INSTALLED. TO MATCH EXISTING.
4. EXISTING PUMP TO REMAIN.
5. SEE SHEET PL107 FOR CONTINUATION.
6. REPLACE EXISTING LOUVER.
7. SEE SHEET PE601 FOR RISER DIAGRAM.
8. REPLACE EXISTING DUCT.



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SHEET TITLE

PENTHOUSE
PLUMBING PLAN

PL109

SHEET OF